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# Farm and Ranch Review

VOLUME XLIII  
NUMBER 8

CALGARY, ALBERTA  
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A Welcome Shady Spot



## CONTINUED DROUGHT

CROP prospects in some sections of the prairies showed a marked decline during the latter half of July as the prolonged dry spell continued, and immediate rains were urgently needed to prevent a serious drop in yield. In some localities in Northern and South-western Saskatchewan and South-eastern Alberta crops were reported damaged by the drought to a point beyond recovery.

Hay was being purchased in Manitoba for shipment to districts in Saskatchewan where a serious feed shortage is anticipated during the coming winter and stockmen are likely to sell off a number of their cattle.

In much of Alberta and Central Saskatchewan as well as in Manitoba where soil moisture reserves were better than usual an average good yield of most crops was in prospect.

Canada could support 50,000,000 people if she employed farming methods similar to Denmark, an Ontario government official stated recently.

## UNIFORM HARVEST WAGE SCALE

THE Alberta Federation of Agriculture, following a survey of the harvest wage situation, is recommending this year a rate of \$5.50 for stooking and \$6.50 for threshing, based on a ten-hour day, plus board. Directors of the Federation point out that this can only be a recommendation, but they believe this is a fair wage when board and lodging are included and if all farmers employing men will adopt this basis, harvest wages can be kept on a uniform scale.

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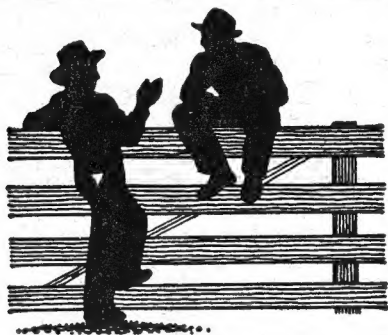
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WORM CAPSULES

# \$100,000,000 for Irrigation Projects in Next 12 Years

By C. FRANK STEELE

A NEW era for irrigation and water conservation in Western Canada was visualized at a four-province conference held July 11 - 12 in Lethbridge when the Western Canada Reclamation Association was formally inaugurated. Alberta, Saskatchewan and British Columbia went into the new association immediately, Manitoba asked for further time to study the proposal but the door is open for her to come in at any time. It is thought she will.

Manitoba's position is just a little different from that of the other two prairie provinces, as the deputy minister of lands and resources, pointed out. Said Deputy Minister D. M. Stevens of Winnipeg, the projects already planned would cut down the flow of water into Lake Winnipeg by 12 to 14 per cent, lowering the level of the lake and jeopardizing a large Manitoba water development.

British Columbia was represented by Hon. Frank Putnam, minister of agriculture, and Hon. E. T. Kenney, minister of mines and resources, who said that British Columbia had reached a point in its irrigation development where it can go no further without federal aid. Last year \$25,000,000 worth of fruit had been raised in the province all under irrigation.

A. P. Burns of Medicine Hat, was elected president of the new WCRA with H. W. Pope of Moose Jaw, first vice-president, A. W. Gray of Rutland, B.C., second vice-president and Dr. W. H. Fairfield of Lethbridge treasurer. The next annual meeting will be held next February, the date and place to be designated by the executive.

Members of the executive were named as follows:

Alberta — A. P. Burns, Medicine Hat; Dr. W. H. Fairfield, Lethbridge; J. A. Cameron, Youngstown; P. M. Sauder, Strathmore.

Saskatchewan — Harold Pope, K.C., Moose Jaw; E. E. Eisenhauer, deputy minister of reconstruction, Regina; F. J. Dickson, Swift Current and S. N. MacEachern, Saskatoon.

British Columbia — A. W. Gray, Kelowna, and Frank Staples and Guy Constable of Creston.

THE conference adopted a constitution providing for the central association and also provincial associations, the idea being to co-ordinate all reclamation bodies in the West and give the movement one strong

voice. There will be individual, group and sustaining memberships and it is hoped to raise a substantial amount of the money needed for the work of the association in the East.

A resolution passed at the conference called for bringing the personnel of the Canadian section of the International Joint Waterways Commission up to strength. Two seats out of the three on the U.S.-Canadian board are now vacant. Another called for the retention by Canada of the full flows of the Belly and Waterton Rivers in Southern Alberta, both of which are boundary streams and are the object of envious glances by water interests in western United States.

The business sessions of the conference were held on Friday while on Saturday delegates were driven over irrigation districts in Southern Alberta, seeing many fine crops of grain, sugar beets, cannery crops, seed crops, etc. They also saw the East Pot Hole Coulee and St. Mary dams, key storage dams in the Lethbridge Southeastern project that will bring another 250,000 acres under irrigation.

Rt. Hon. James G. Gardiner, federal minister of agriculture, guest speaker at the convention banquet, reaffirmed the federal government's plan to spend \$100,000,000 on western water projects in the next 12 years, the pattern now being set by the St. Mary dam job. He said Alberta had accepted the provisions of the federal government's reclamation program which provides for Ottawa financing the major reservoirs and connecting canals and maintaining them in perpetuity, the province to turn over to the Dominion all water rights involved, as well as crown lands needed for works, canals, etc.

A 5-man board is to be set up representative of the two governments which will administer the policy, make a division of the waters as between provinces, settle difficulties, etc. Its decisions must be unani-

(Continued on page 24)

## Rheumatism Yields To Drugless Method Of Treatment

Excelsior Springs, Mo., Aug. 1st—So successful has a comparatively new, drugless method proven for treating rheumatism and arthritis that an amazing new book will be sent free to any reader of this paper who will write for it.

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## Report On Welfare In Alberta Exposes Deplorable Conditions

A SCATHING indictment of the administration of public welfare in Alberta, including charges of inefficiency, serious neglect and nonchalance toward the plight of aged and chronically ill persons is made in a report released on July 23 by the Alberta (I.O.D.E.) Welfare Study. The report summarizes the findings of a lengthy "Report on Welfare in Alberta" made some time ago by Dr. Charlotte Whitton, C.B.E., which is to be published shortly.

Following charges made in several quarters that Alberta's welfare administration was inefficient and worse, Premier Manning has announced that a Royal Commission headed by Chief Justice W. R. Howson will investigate the whole situation.

Dealing with the problem of child welfare, the Whitton report finds one man, "holding and exercising powers without parallel in any enactment in the study's knowledge, except one in Hitler's Germany and certain provisions in the code of the Soviet Union, but which, it is understood, have been recently modified". (Charles B. Hill is superintendent of child welfare in the Alberta department of health and public welfare.)

The report further charges that "the provincial public welfare administration is incredibly centralized and bureaucratic, entrenched in statute, personnel and administrative practice, to a degree unparalleled in any province and probably, in fact, upon this continent". (Dr. W. W. Cross is minister in charge of the department.)

The report shows there are 12,000 aged persons receiving pensions in the province, and estimates there are between 10,000 and 11,000 additional men and women over 60 who need assistance. The plight of the aged, it declares, is "disgraceful" and they are being subjected to "deplorable" exploitation. Dealing with the case of the chronically ill and infirm, the report declares there are some 7,000 of these persons in Alberta, of whom 2,500 need care outside their own homes and that the responsibility for such care has been dumped on the municipalities "with no corresponding leadership or clear-cut basis of social and financial partnership with the province."

DEALING with child welfare, the report finds "there has been a serious deterioration in child and family protection in Alberta and hundreds of children are living in most deplorable conditions." About 10 per cent of all adoption placements, says the report, are children born in this province and "exported" to the United States without due safeguards as to their own welfare or the adopting family.

Drastic criticism is levelled at the almost unbelievable authority given the welfare commission headed by Mr. Hill and the report continues:

"Under these increasingly dictatorial powers, there has been a serious deterioration in child and family protection in Alberta. Hundreds of children are left and living in the most deplorable conditions of lack of protection — a total probably in the neighborhood of 5,000. Responsible municipal and voluntary child protection services have been discouraged; free placement in adoptive or free foster or work homes has become the major aim and objective of a child welfare branch which judges its success by 'keeping cases and costs down'

with consequent serious injury to child life throughout the province, and a casualness and incompetence in its child placing for which Alberta will pay for years to come."

## 'COUGAR COLLEGE' FOR B.C. HUNTERS

SOMETHING unusual in the way of education will be undertaken by the British Columbia government shortly when a school for cougar hunters is opened on Vancouver Island.

The "Cougar College" will be part of the B.C. game commission's new predatory animal control plan and its head will be Jimmy Dewar, Chief Game Warden for B.C., who has gained the reputation of "King of the Cougar Hunters".

Dewar, who stays on the trail until "I get the cat", recently left on a little business trip—to hunt and kill a ferocious male cougar on nearby Bowen Island which has been causing damage to property and endangering livestock.

Hunter of the dangerous predators for 20 years, Dewar will have at the school five cougar hounds imported at \$500 each, from Arizona to form a nucleus for scientifically planned kennels to breed cougar hounds.

The Alberta game branch in mid-July announced it had abandoned a plan to hire special hunters to kill coyotes and would continue the former system of bounties. Lack of funds on the part of sheep breeders to handle their share of the cost of the special hunter project was given as the cause.

## Dr. Talbot Retires As Veterinary Chief

AFTER over one-third of a century's close identification with the Alberta livestock industry, 33 years as head of the provincial veterinary branch, Dr. Percy R. Talbot has retired on superannuation. During his period of service he was at different times superintendent of fairs and administrator of stallion enrollment.

For the past 10 years he was special instructor in veterinary science at the University of Alberta and held office in the Alberta Veterinary Medical Association.

He will continue to make his home in Edmonton also giving attention to farming interests at Lacombe, where he has always maintained a good Shorthorn herd.

## Says Rotary Tillage Machines Unsuitable

Rotary tillage machines are again making their appearance in Alberta. H. J. Mather, provincial supervisor of soil conservation and weed control warns farmers against buying these machines. They are very destructive of soil fibre and encourage soil drifting and water erosion. Farmers are advised to ignore exaggerated claims as to the efficiency of these implements. They will be better off if they invest their money in machinery which has proven suitable to the soil and climate of Alberta.



# Farm and Ranch Review

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THE trend throughout the world today is towards regimentation. In Great Britain, the birthplace of modern democracy, even the farmers have come in for strict regulative legislation. A measure recently passed by the British House of Commons provides that farmers must follow a broad government plan for agriculture in return for which they are given assurance against price declines for their products. The act provides further that if a farmer persists in refusing to abide by the regulations laid down, the government may take over his land.

Canadian farmers, we feel sure, would be extremely opposed to any such coercive measures. Nevertheless a degree of governmental planning has been put into effect in this Dominion, and so far most farmers have accepted it without a great deal of protest. In fact, the farmers themselves invited the federal government to establish floor prices for their products in the postwar period. The reason for doing so was to prevent a price collapse such as followed World War 1.

The federal government plan for wheat provides for a floor price of \$1.35 a bushel, basis 1 Northern at the terminal, until July 31, 1950. As part of the plan the government made a deal with Great Britain to sell 600 million bushels of wheat during the four years ending July 31, 1950, at a fixed price of \$1.55 a bushel at Fort William for the first two years, and floor prices of \$1.25 and \$1.00 respectively for the next two years. While the prices in the British contract vary, Canadian farmers are assured of a floor price of \$1.35 for the period. For the last six months, world prices of wheat have soared, mainly because the United States government has permitted the operation of grain exchanges and has been probably the biggest buyer on those exchanges. At the present time the British-Canadian wheat agreement does not look so good in view of high world prices, but judgment on the agreement must be reserved for another year or two. At least Canadian farmers have the assurance of a very substantial market for their surplus, and no one can forecast the trend of prices. One good European crop could result in glutted markets.

Older farmers in Canada have vivid recollections of the price boom and collapse following World War 1. That boom raised the general price level in Canada, but when it ended it was the prices of farm products that fell to the lowest depths, while the prices of other goods and services yielded but little. Then the abysmally low prices of the early 'thirties

came perilously close to bankrupting Canadian agriculture. Farm people do not want to relive those nightmare years.

It has been suggested that all the people of Canada should contribute to bring the level of Canadian wheat prices nearer to the present world level. That might mean that the federal treasury would have to put up \$200 million in a year like the present. Frankly we doubt if Canadian taxpayers would look kindly on such a move, and furthermore we doubt if Canadian farmers want to grow fat on the bounty of the government. The majority of farmers are hard-working, level-headed people, who are satisfied with a reasonable return for their labor. They know that every boom has an explosion point, and the collapse wipes out not only the temporary financial advantage obtained, but a great deal more.

The world is in a chaotic state. No one can foresee what the years ahead will bring. Canadian agriculture is vitally dependent on overseas trade. It would appear that the best course for Canadian farmers to follow is to remain calm in the face of boom prices, keep out of debt, keep their property in good shape, and hope for the best.

THE agricultural fair is the show window of the farm and in countless communities during the summer months the window is dressed to display its best merchandise. This includes not only the choicest of livestock, but the attractive and tempting products of field and garden and kitchen, and a visit to the fair is a source of never-ending education for exhibitor and casual observer alike.

Since the first agricultural society staged its first show, farm people have realized the benefit of competition in improving the standard of their wares on display. The livestock man has carefully studied blood lines, breed type, the most advanced methods of feeding and fitting and the most attractive ways of showing his animals in the ring or the pen, and he knows a very real satisfaction when his entry carries off the red ribbon.

Coveted though they are, however, the top prizes are not the greatest rewards of the exhibitor. Almost any community has watched with interest the never-say-die efforts of a once obscure showman whose entries from year to year have improved steadily in the favor of the judges. This progress is one of the satisfying results of persevering effort and of learning by comparison, one of the great benefits of the fair as an institution. Most good showmen are good sportsmen; they know that they cannot always win, but they know also that the keener the competition the greater the general improvement in their particular breed of animals and in the prosperity of the community. Whether the fair be a "C", "B" or "A" class event, a good showing record has undoubted advertising value for the animals that stockmen have to sell, either locally or in a wider field. Poorer quality entries are automatically eliminated and the good ones can go on to the ultimate big-time competition provided at Toronto or Chicago.

There is much to be said for the proposal to hold a "Little Royal" in the West

early each fall at which final selections would be agreed on for the Toronto show. The most suitable point at which to stage this semi-final will be chosen, the entries will undergo the strictest scrutiny by exacting judges and western entries will have a good chance in the face of the stiffest competition to maintain their reputation among the best on the continent.

Not everyone can attend the Royal or the International, but anyone can see a big show in miniature within a few miles of home — the community fair with all the features of local interest that the big ones lack. Don't miss it!

PAPERS throughout the Dominion last month joined in a "Salute to Agriculture", and in many words paid tribute to the mighty place which farm life occupies in the economy of the nation. The farmer and his family scarcely need an annual reminder of what agriculture means to Canada and to the world. They can see at close range their own little piece of the picture, the promise, the anxiety, sometimes the heartbreak, which attend their hardest work and most conscientious and enlightened efforts to grow food for themselves and their neighbors at home and abroad.

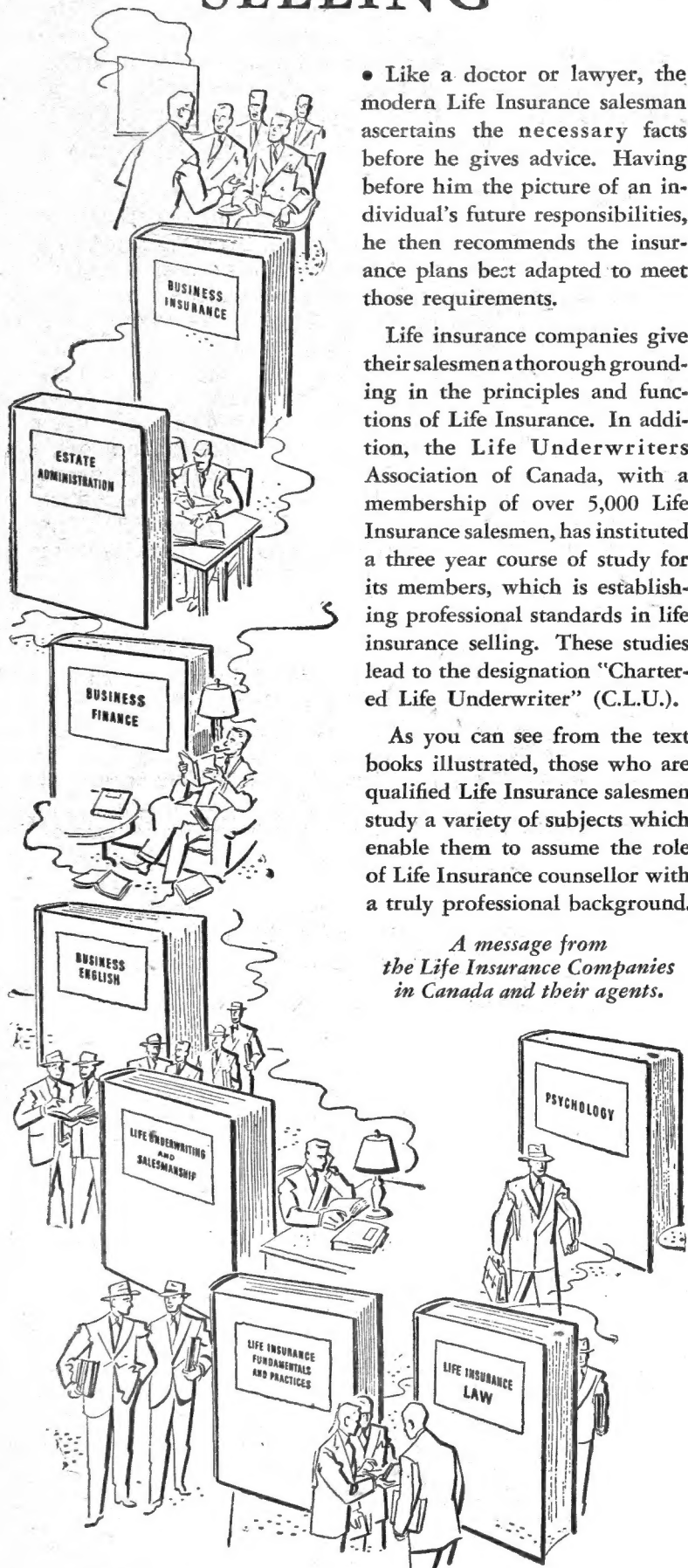
This anxiety has been emphasized this year by the plight of Ontario and Quebec farmers whose land was deluged by rains, inundated by floods, to near the point of despair for those growers who depend on feed crops as well as cash crops. Nothing could more clearly illustrate the interdependence of widely separated areas in a country the size of Canada. The East will need a much greater volume of feeds from the West to maintain livestock and dairy and poultry production, and there is a fortunate prospect that the West will be able to meet this demand. Barley acreage, in particular, has been increased and if prairie crops produce an average yield, despite late frost, a backward spring, and serious drought damage in some areas, farmer-feeders in the eastern provinces will salute their western neighbors for being able to come to their aid in their extremity.

ANNOUNCEMENT of the Dominion government's \$100,000,000 program for water development, including irrigation and conservation, is the best news that a great section of the southern prairies has heard for many a day, and coupled with this is a great future envisioned by the men who have launched the Western Canada Reclamation Association.

Soil and water are the farmer's basic assets and too many nations are paying a disastrously heavy penalty for having wasted them. They must be husbanded and managed if the world's ever-growing demands for foodstuffs are to be satisfied. Southern Alberta has showed what can be done when water is brought to otherwise productive soil, and a master plan to extend this boon to other large suitable areas can have an untold influence on the agricultural and industrial life of the whole Dominion.



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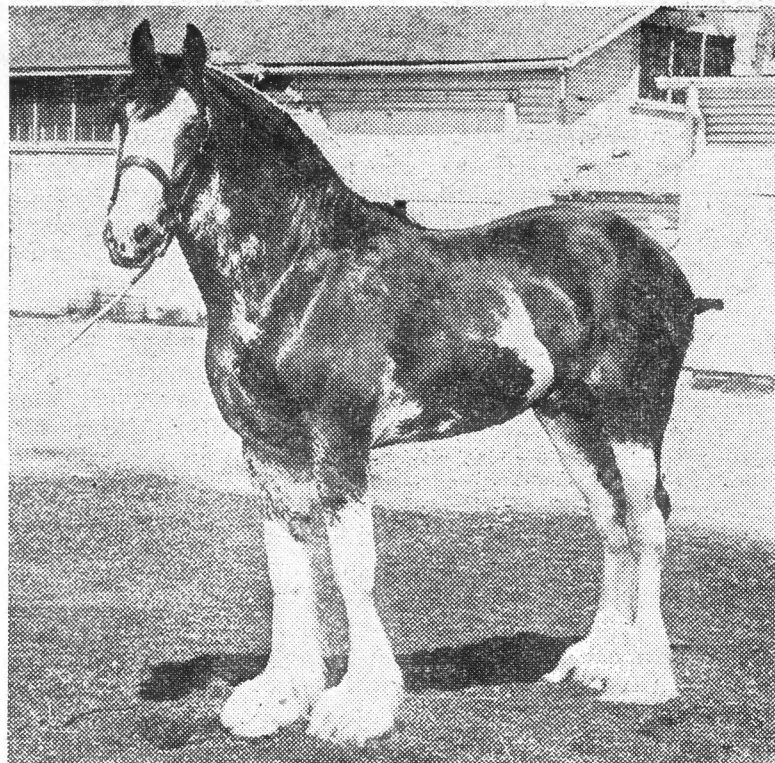
Life insurance companies give their salesmen a thorough grounding in the principles and functions of Life Insurance. In addition, the Life Underwriters Association of Canada, with a membership of over 5,000 Life Insurance salesmen, has instituted a three year course of study for its members, which is establishing professional standards in life insurance selling. These studies lead to the designation "Chartered Life Underwriter" (C.L.U.).

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CLYDESDALE GRAND CHAMPION

*Massed Review, above, owned and exhibited by Lawrence M. Rye of Edmonton was named senior champion and grand champion Clydesdale stallion in the Calgary and Edmonton showings. Junior and reserve grand champion awards at Calgary went to Cornhill Chieftain, shown by Robert Haining of Bowden, while J. W. Cruickshanks, Maidstone, Sask., took junior and reserve grand at Edmonton.*

## Alberta Entries Rate High At Calgary Livestock Show

VISITORS from all parts of the continent thronged Calgary for the 1947 Exhibition and Stampede, rated by spectators and officials alike as probably the most spectacular and generally successful shows in the long history of the big event. Thrills and spills in the infield testified to the fighting spirit of the bronks and steers that challenged the hopeful cowboys. A contingent of Hollywood stars and their satellites contributed their share of color in "shooting" continuity scenes for a film, "Northwest Stampede", later filmed at the noted Stampede Ranch in the foothills. The usual big opening parade was built on the theme of the pioneers.

Industrial and commercial features of the exhibition were of a high order, many new and improved items of farm machinery and equipment having made their postwar re-appearance. Of particular interest was the excellent livestock show, better than usual in point of number of entries and their general high standard of quality, which made the task of the judges no easy one. Worthy of particular mention was the showing of agricultural and heavy draft horses, the three breeds of beef cattle, of Holsteins, Ayrshires and Jerseys, and a strong sheep and swine show.

Summarized results of placings in the various rings, were as follows, indicating the splendid showing made by Alberta exhibitors against strong competition from a number of strings from other provinces, all of which added to the rounded-out success of the show.

### HORSES

**CLYDESDALES** — Stallions: GC and SC, Massed Review, Lawrence M. Rye, Edmonton; RGC and JC, Cornhill Chieftain, Robert Haining, Bowden, Alta.

Females: GC and SC, Craigie's

Choice, W. D. McDonald, Edmonton; RGC and RSC, Flora Hiawatha, Robert Haining; JC, Winsome Betty, Robert Mitchell, Maidstone, Sask.

Other prominent prizewinners: J. W. and L. Cruickshank, Maidstone, Sask.; Dunham Bros., Fairlight, Sask.; John Sandilands, Conrich, Alta.; W. Montgomery, Calgary; F. A. Sissons, Clive, Alta.; H. A. Downey, Turner Valley.

**PERCHERONS** — Stallions: GC and SC, Silver Jim, R. O. Sykes, Calgary; RGC and JC, Riverbow Chasseur, R. O. Sykes.

Females: GC and SC, Starlight Konearness, Hardy E. Salter, Calgary; RGC and RSC, Loretta D., R. O. Sykes, Calgary; JC, H. E. Salter, Calgary.

Other leading exhibitors: Jonathan Fox, Jr., Lloydminster, Sask.; N. S. Charlton, Carstairs; C. W. Clark, Prince, Sask.; C. J. Hanson, Bright View, Alta.; Dwight Ellis, Hubalta.

**BELGIANS** — Stallions: GC and SC, Rex-de-Ergot, M. E. Latam, Bremner, Alta.; JC, Sunny Valeur, Latam; who made almost a clean sweep of the money for this breed, individual prizes going to Hardy Salter and H. R. McConachie.

Champion Thoroughbred stallion was shown by Maxwell Smith, Calgary, reserve going to John A. Sparrow, Okotoks. Arthur Bradley of Turner Valley had the champion Thoroughbred mare and F. M. Holden, Midnapore, the reserve award. Other ribbons went to W. J. Yates, Calgary; Miss Pat Quint, Calgary; Miss Mary Mooney, Shepard, and Kemo Inamasu, Calgary.

H. R. McConachie's Justhome Ranch, Cochrane, showed the winning Kentucky gaited saddle-horse stallion, Justhome Sensation which was placed ahead of three other entries from the same ranch. Mr. and Mrs. Paul Allan, Airdrie, showed

(Continued on page 18)



## Cutworm Damage Forecast For Some Areas In 1948

MANY fields in Alberta and Saskatchewan suffered from pale western cutworm infestation this spring. Although damage was not as extensive as occurred in 1946, because of unusual fall and spring weather conditions, many fields had to be re-seeded. This was the case in fields at several points including Chin, Milo, Drumheller, Mantario, Eston, Leader, Burstall and Golden Prairie.

A cutworm forecast for 1948, prepared by L. A. Jacobson and Howard McDonald of the Dominion Entomological Laboratories at Lethbridge and Saskatoon, indicates that damage can be expected again during the 1948 season. This is based on cutworm surveys and rainfall recorded during May and June.

Summerfallow operations for the remainder of this season should be planned to prevent cutworm infestations. To accomplish this, all weed growth should be destroyed late in July and the fields then left undisturbed throughout August and the first half of September, when the moths are laying eggs. Cutworm moths will not lay their eggs in fields that are free of weeds and crusted from rains. Disturbance of the crust by livestock may be as serious as if the field had been worked.

This method of cutworm control should be followed in 1947 in all districts of Alberta and Saskatchewan where May and June rainfall was below normal. Its use is particularly important in the area where the risk from pale western cutworm is expected to be greatest in 1948. This is an area bounded on the west by Cardston, Macleod, Arrowwood and Big Valley, and on the east by Val Marie, Riverhurst, Saskatoon and North Battleford. The northern limit runs eastward from Big Valley through Federal and Macklin to North Battleford.

WHEN weeds are destroyed late in July subsequent growth normally will not be sufficient to require tillage during the above period. In the open prairie areas of Saskatchewan and Alberta, where the pale western cutworm is the chief species, the surface crust on fields should not be disturbed by tillage even if a heavy weed growth does develop.

This method of ensuring cutworm-free summerfallow fields for next season's crop requires no additional time or labor, simply the proper timing of weed control operations during the last half of the summer. It is a sound agricultural practice because it gives satisfactory weed control, prevents cutworm infestation, and also destroys some pupae of the wireworm — another serious spring pest. For these reasons this method of handling the summerfallow should be the standard one generally in the area where cutworms are frequently a problem.

The present forecast is preliminary. It is made to enable the farmers in the areas of greatest risk to get their summerfallowed fields cleaned up well before the danger period. Later, a final forecast will be made if necessary, after surveys have determined where the cutworm moths are most abundant, when the areas of serious risk can be more definitely defined. This final forecast will include more detailed information for the spring control measures that may be used.

Further information on cutworm control may be obtained from the Dominion Entomological Laboratory at Lethbridge or Saskatoon.

## Alberta Wheat Pool Distributes Large Sum to Members

THE Alberta Wheat Pool has completed the distribution of \$850,000 in cash and \$1,145,000 in reserves to members who delivered grain to Alberta Pool elevators in the three crop years 1943-44, 1944-45 and 1945-46.

Last year approximately \$945,000 in reserves was distributed to member patrons from 1943-44 and 1944-45 earnings, so that the total distribution for the past three crop years in the form of cash and reserves is \$2,940,000.

In a statement issued by the Alberta Wheat Pool it is pointed out that between 1923 and 1928 reserve contributions from members totalled \$8,467,000, this money being used to build the Pool elevator system and provide working capital. Since 1942 the organization has purchased ratably from members at 100 cents on the dollar over \$2,500,000 of these reserves.

In addition, the delegates at the last annual meeting authorized the appropriation of \$1,600,000 to purchase reserves held by estates of deceased members and by members in certain older age groups who ceased to have any interest in farming. A large portion of this has already been paid out. When the entire amount has been disbursed, the Alberta Wheat Pool will have purchased over \$4,100,000 of the original \$8,467,000.

The reserves so purchased are being re-issued in the form of patronage dividends along with cash distributions. The ownership of the co-operative is thus passing from the estates of deceased members and from members who have retired from farming into the hands of farmers who are using Pool elevator facilities.

...

## Rams, Ewes Sold Well At Calgary Auction

GOOD prices for quality animals were realized at the second annual sale of stud rams and ewes held at the fair grounds in Calgary during exhibition week. Twenty-one Suffolk rams brought an average of \$93.60; eight Hampshire rams, \$98.15; fourteen Suffolk ewes, \$53.20, and four Hampshire ewes, \$36.87.

Highest price of the sale was \$330, for which P. J. Rock & Son sold Quance 31A, champion Hampshire ram in the sheep show during the week. The purchaser was the EP ranch, Pekisko. Rock's reserve champion Hampshire ram brought \$100.

The top price Suffolk ram sold to G. Jackson, Cheadle, Alta., for \$325. Contributed by A. C. B. Grenville, Morrin, this shearling was reserve champion at the show. Clarindale Farms, Vauxhall, purchased a ram lamb for \$260 from C. H. Borwick, Drumheller. Douglas Piggott, McMurdo, B.C., got \$107.50 for a shearling and Stanley Rock, Drumheller, got \$100 for a ram the same age. Douglas Grenville, Morrin, received \$120 for a ram lamb. The high price ewe, a Suffolk, was sold by Clarindale Farms for \$130. This was the champion ewe.

Auctioneer Archie Boyce of Olds cried the sale, which was well attended.

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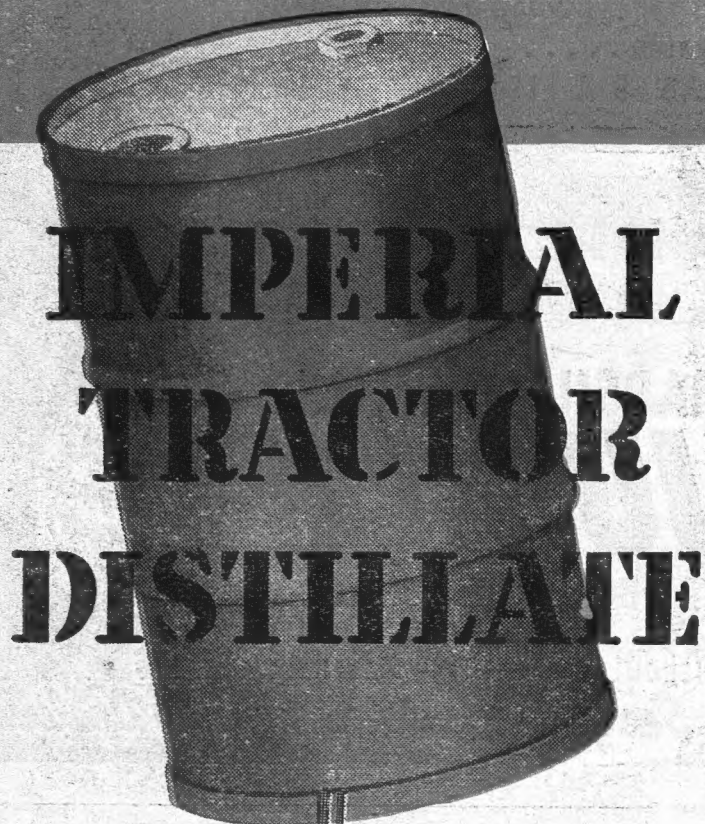


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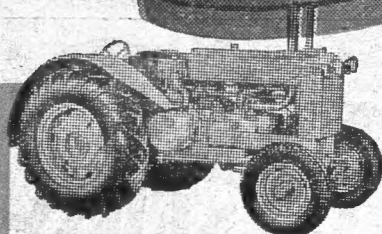
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*Farm Division*

## Breeders' Notes

**I**NDICATIONS are that the bottom of the depression in horse prices has been reached, according to T. P. Devlin, secretary of the Clydesdale Horse Association of Canada. He reports that a number of recent sales made show a strong demand for good geldings, "with the result that while they are scarce now they are going to be a lot scarcer in the next few years. Those who have the foresight how to meet the future demand will be well repaid for their efforts. All good mares should be bred this year. Otherwise there will be a much more acute shortage than many seem to anticipate."

The horse population of Canada is rapidly declining, Mr. Devlin points out. In 1946, numbers were reduced by almost 200,000, of which around 60,000 were processed to fill meat contracts made with European governments. Several thousands were also exported alive for work horses in Europe. Some went to the United States and the balance passed out of the picture through natural causes. At present there is a trickle of horses moving alive to Europe for human consumption, while the two processing plants at Swift Current and Edmonton are working at full capacity to supply processed products. By the end of this year, says Mr. Devlin, those of us who believed in the "reduced numbers" theory should find that practically all surplus horses have disappeared. Commencing in 1948, therefore, it will be more difficult to find suitable horses, whether required for farm work, bush work, city delivery, brood mares for breeding purposes, or show geldings for exhibition purposes, and as far as stallions are concerned, good ones are becoming so few that they are the exception rather than the rule.

\*\*\*  
Rod Macleay, Rocking P ranch, Pekisko, Alta., has purchased from Dominion Experimental Farms the imported Clydesdale stallion, Dunmore Fine Art, which will be used on his group of black purebred mares. From the Lacombe Experimental Farm, Lawrence M. Rye of Edmonton has bought a good two-year-old stallion by Craigie Maxwell (Imp.).

\*\*\*  
Ormico Reta Roberts, a Holstein cow owned by the Ontario Reformatory farm, Mimico, Ont., is reported to have established a new world record by producing 160 pounds of milk in a day on three-times-a-day milking. It is also a Canadian record, regardless of number of milkings a day.

\*\*\*  
Among class leaders for milk production by dual-purpose Shorthorns in June was Dualview Daisy, owned by R. G. Anderson, Dugald, Man., with 8,784 pounds milk, 346 pounds fat, as a two-year-old in the 365-day division.

\*\*\*  
H. S. Fryer, Milner, B.C., Sullivan Valley Farms, Sullivan Station, B.C.; Alex Gergely, Matsqui, B.C., and Geoffrey Macdonnell, Sardis, B.C., had entries listed among Guernsey class leaders for production in June.

### BULLETIN ON BANG'S DISEASE

A valuable leaflet on Bang's Disease or Brucellosis of Cattle has been issued by the Manitoba Department of Agriculture. Prepared by Dr. A. Savage and Dr. J. M. Isa of the provincial veterinary laboratory, it outlines causes, symptoms and treatment of this costly threat to many beef and dairy herds.

### Opinion Differs On Hereford Type

**Q**UITE a controversy rages among Hereford men in Alberta over Hereford types, reports Harold G. Long in the Lethbridge Herald. There are two opinions. Some lean to the large typical Herefords for which Herefordshire in England is noted. They have lots of size, bone and scale, and they can process our good Alberta grass to good advantage. But others go in for what our American friends call the "comprest" type—a smaller, neat, quick-maturing animal.

The argument of the following of the English Hereford type of larger animals is that it is the ruggedness of the Hereford that makes it the best range animal that can manufacture grass and other roughage into beef steers that will scale around 1050 or 1100 as two-year-olds or 1350-pounders as three-years-old. The rustling ability of the Hereford in winter is its great asset, and it needs size and ruggedness for this.

The comprest boosters say that the tidier, more compact animals mature quicker, with a carcass of the kind that killers want now. They say that the day of the big three and four-year olds is over, and want an animal which can be fitted either as baby beef or as a yearling and the job done quickly with a minimum of feed. To which the proponents of the big Hereford reply: "If they want that why don't they raise the doddies?"

We suppose it is a matter of choice, says the writer. If we were keeping a few cattle on a small farm perhaps we would like the comprest type best. But if we had a few thousand acres of South Alberta grass to be processed into beef we think we'd give the call to the fellows with bone and scale and lots of stamina to rustle their grub in the winter in the open.

### Warning Issued In Using Vaccine

**A**DVISING stockmen that the encephalomyelitis vaccine being used by veterinarians to curb the disease infecting cattle in the Gravelbourg area "should not be used promiscuously on herds throughout the province," the veterinary division of the Saskatchewan government has issued the following warning:

"The Encephalomyelitis vaccine should only be used on the advice of a veterinarian after the disease has been investigated thoroughly. The only area at present where the use of encephalomyelitis vaccine is indicated is in the Gravelbourg area along the Wood river.

"Before using the vaccine on any herd, advice should be sought from the local veterinarian, the provincial veterinarian's laboratory at the University of Saskatchewan, Saskatoon.

Symptoms of the malady are similar to those of sleeping sickness which affects human beings and horses and this is the first time it has appeared among cattle in Saskatchewan. Herds on a number of farms and in a community pasture were infected and several animals died, others making a good recovery. Yearlings and calves are affected more than older animals.



## Splendid Livestock Shown At Edmonton Exhibition

(By Special Correspondent)

FROM an agricultural standpoint Edmonton's 69th annual summer exhibition was a marked success, said Charles E. Wilson, manager, at its conclusion. Being the second post-war fair, the livestock exhibits were more numerous and of higher quality, reflecting the revived efforts of stockmen in fitting and showing their purebred animals.

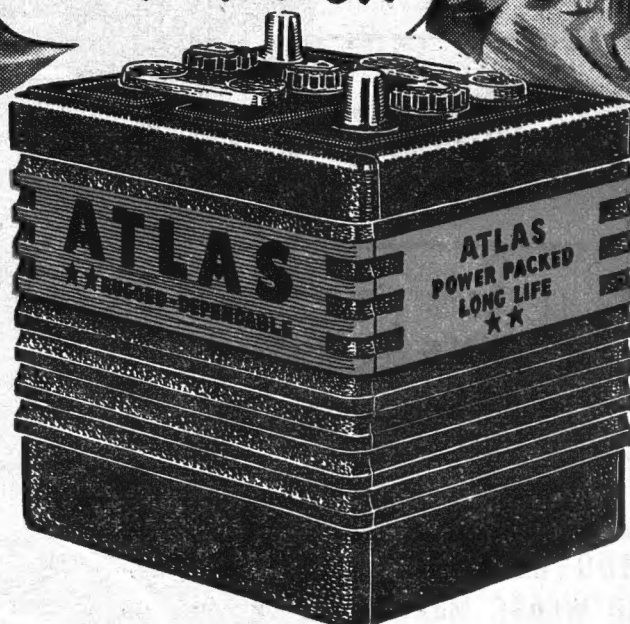
Exhibits of farm implements, labor-saving equipment for farm and home, industrial machines, saws, earth-moving equipment, tractors, tillage, and harvesting implements, buckrakes and stackers, covered much space and attracted continuous crowds. Tractors, trucks, road-making equipment and cabin trailers vied for attention.

Some attractive community and farm exhibits of field and garden products and farm kitchen canning appeared once more. The agricultural building also presented flower and vegetable competitions, Dominion experimental farms exhibit, provincial dairy branch exhibit and that of the Alberta seed growers and field grains

in the money, none did better than second. Only entry by H. R. McConachie of Cochrane won the grand championship for the Justhome Ranch with Killearn Monarch 105th, a yearling bull purchased at the May Short-horn sale of Claude Gallinger and raised at Toftfield. W. L. Robinson of Vermilion competed and won nine prizes, including first bull calf.

Herefords from the Col. Spencer Farms at Lytton, B.C., swept most of the championships when the judge, Charles Turner of Salmon Arm placed the ribbons; however, Stanway Domino, an Edgar-bred bull with Crawford-Frost herd lines was reserve grand when exhibited by Tatlock Bros. of Bentley. A junior yearling shown by Edgar won reserve junior bull and a summer yearling bull of Tobruk breeding scored a first for Henry Ziegler & Sons, Vegreville. Edgar also won first cow and O. A. Boggs of Bottrel first junior yearling heifer.

"Best showing of Aberdeen-Angus in Alberta in a long time," said S. J. Henderson of Lacombe who judged the "doddies". The famed herd of blacks from the Don Head Farm



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George Gibb, J. W. Hosford, B. E. Hosford, R. P. Gibb, Jack Hays and Tom Hays. The Hays dispersal was the largest dairy cattle sale ever held in Canada, both from a standpoint of total receipts and number of animals sold with 246 head bringing a total of \$193,635 for a general average of \$786.

It is understood that this good young sire will be kept at the Olds School of Agriculture and that his artificial services will be available to Alberta Holstein breeders.

Following the sale, 22 head have returned to the West, other purchasers being Wiltshire Farms, Calgary; Rockwood Holsteins, St. Norbert, Man.; J. W. Hosford, Pickard & Clarke, Acme; H. Veiner, Brooks, and C. H. Bly, Nutana, Sask.

Wiltshire Farms paid \$1,050 for Hays' Royal Historian, the three-months-old son of the \$20,000 "Historian" bull. Another three-months-old son of Historian, Hays' Historian, went to J. W. Hosford at \$1,150. Mr. Hosford also purchased three milking females at \$475, \$425 and \$325 and a bred heifer at \$300.

G. M. Gibb paid \$700 for a seven-year-old and \$400 for a bred heifer. C. H. Bly purchased a bred heifer in calf to Historian for \$825. Five head were secured by H. Veiner, including a pair of open yearlings at \$375 and \$260, a four-year-old at \$350, a bred heifer at \$385 and a baby bull calf at \$60.

## IMPORTANT DATES ON THE CALENDAR

Aug. 4 - 6 — North Battleford Fair.

Aug. 7 - 9 — Prince Albert Fair.

Aug. 9 — Visitors' Day, Department of Plant Science, University of Alberta.

Aug. 23 - Sept. 6 — Canadian National Exhibition, Toronto.

Aug. 25 - 27 — Convention of Horticultural Scientists, Morden, Man.

Aug. 25 - Sept. 1 — Pacific National Exhibition, Vancouver.

• • •

During the summer stagnant pools are responsible for a good deal of trouble in poultry flocks, although they are dangerous at any time of the year.

Turkeys of all ages are exceedingly susceptible in this regard. Eggs will take on strong flavors if the hen drinks from stagnant pools. Egg production will suffer as will the hens themselves, the mortality percentage being increased. Either all birds should be kept away from stagnant pools or the pools should be drained or filled in.

A plentiful and constant supply of pure, fresh, cool water should be available at all times for all poultry. Keep the water supply up to keep the death rate down.



# Wool Growers Urge National Policy For Sheep Industry

No increase in wool and sheep production in Canada can be expected until a greater measure of security and stability for the industry is assured by a national policy that will give some guarantee of profitable prices for wool and lamb, declares a recent bulletin issued by Canadian Co-operative Wool Growers Limited. Too many sheepmen, it continues, now look upon theirs as the forgotten item in the farming industry and they fail to understand why sheep should not receive as much attention as cattle, hogs and poultry.

In view of the fact that wool and lamb are essential to national and world-wide comfort and health, says the bulletin, it would seem urgent that Canadian governments, Dominion and Provincial, establish some definite sheep production policy—one that will put an end to the reduction of flocks year after year. Farmers and ranchers do not quit any line of production as long as they can make it pay. Moreover, it is easy to persuade others to take up any item of production if they can see a reasonable possibility of profitable returns—particularly where livestock and periodic cash income are involved.

For a quarter century or more a staunch fight has been waged on behalf of the sheep industry in Canada by wool and sheep breeders' organizations representing the majority of Canadian producers. Briefs have been presented to the proper government authorities and committees, delegations and deputations have waited on cabinet ministers and their deputies. The good-will expressions of sympathy and the occasional piece of legislation have not, however, been effective in establishing a condition that makes the raising of sheep in Canada attractive. Briefly, the general situation may be summed up as follows:

1. Wool is definitely a peace-time essential to the comfort and health of our people. This was amply proven in the use made of woollen fabrics by the armed forces.
2. Domestic wool production never has come even close to meeting Canadian needs — normally about one-fifth of our requirements.
3. The number of sheep on Canada's farms and ranches has fallen to a new low — fewer now than at Confederation.
4. Those interested in the manufacture of wool fabrics have undertaken a world-wide campaign of promotion designed to increase the demand for woollen goods — the slogan: "If It's Wool It's Wonderful".
5. Judicious and profitable use of many areas can best be achieved only when sheep are kept to convert grass and other forage crops into useful products.
6. In recent years the price for wool has not advanced in line with sharply increased production costs.
7. In spite of legislation covering depredations on flocks by dogs, coyotes, wolves, etc., much remains to be done before flock masters will feel secure.

As a basis for governmental action the Wool Growers' Co-op. suggests the following questions:

- (a) To support the needs of manu-

facturers of woollen goods, how many sheep should be kept on Canadian farms and ranches?

(b) What can be done to promote the consumption of lamb as one of the choicest meats for hotel and restaurant menus as well as in the home?

(c) Why not establish a research program directed toward the more efficient production of wool and lamb?

(d) What policies can be developed by departments of agriculture to build up and maintain the production of wool and lamb on a basis that will encourage more farmers and ranchers to invest in this branch of the farming industry?

(e) What further legislation is required to safeguard our flocks from predatory animals? Which are more important — dogs or sheep?

(f) What improvements can be made in regard to quality, marketing, processing and utilization of sheep products?

(g) What steps can be taken to make our young people more sheep conscious?

Perhaps some progress can be made if those interested will talk with their local members of parliament, says the bulletin. Letters to ministers of agriculture also should have some effect and at least strengthen the efforts of representatives of wool and sheep organizations when they meet one or other of the governmental bodies. There should be united and constant pressure from all directions to focus more attention upon sheep raising.

## Hugh Allen Re-elected President of A.L.C.

PRINCIPAL officers of the Alberta Livestock Co-operative were returned to office when the organization held its annual meeting in Edmonton early in July. Hugh W. Allen continues as president; with C. P. Hayes vice-president; Fred McDonald, hon. vice-president; J. R. Tomlinson, executive director.

The other directors, some of them new members, include: R. E. Chowen, Bentley; Rod M. MacCrimmon, Ft. Saskatchewan; C. D. Lane, Neutral Hills; Tom Holland, Fleet.

A.L.C. will continue affiliation with the Alberta Federation of Agriculture. One of the constitutional changes which was adopted affects board membership. In future board members will be elected only from those who are elected by official delegates.

## REWARD FOR RUSTLERS

The Saskatchewan Leaseholders and Stockmen's Association has posted rewards of \$100 for the arrest and conviction of rustlers and also will pay rewards for the apprehension of anyone illegally or improperly branding stock.

## BETTER DEAL FOR INDIANS

The joint committee of the Senate and the House of Commons dealing with the Indian Act has recommended that construction of a central hospital for the treatment of Indians in far northern areas should be undertaken at once. It also suggested that all persons other than Indians who reside in, or carry on business on Indian reservations be removed, consistent with the wishes of the Indian bands concerned.

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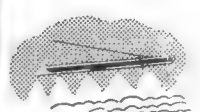
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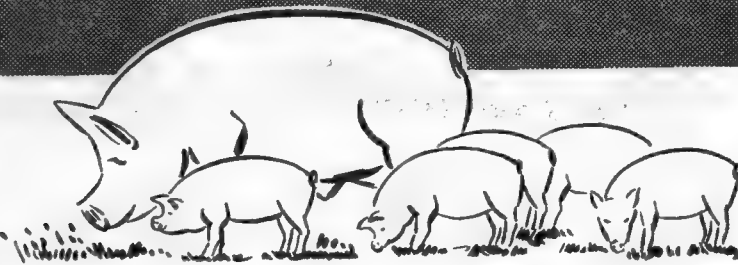
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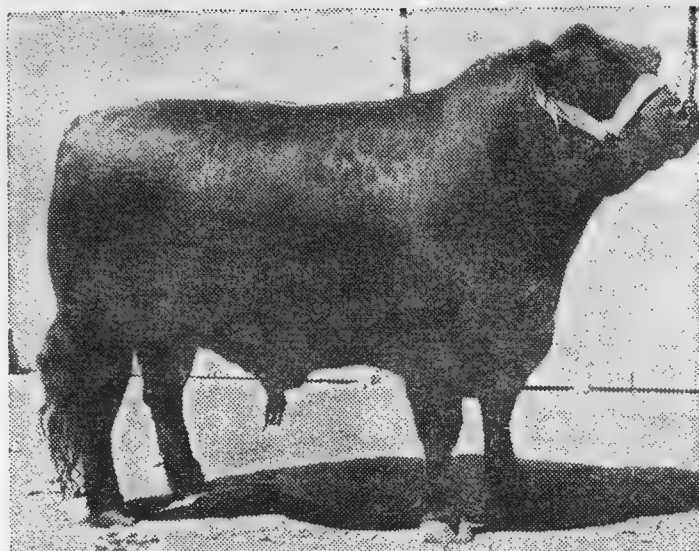
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### Awarded High Honor As Seed Growers

**T**HREE seed growers in Alberta, three in Saskatchewan, one in Manitoba, two in Ontario and one in Prince Edward Island were honored by the award of Robertson Associate at the recent annual meeting of the Canadian Seed Growers' Association. Winners of this recognition, the highest the association can confer, are:

Alberta—L. C. Anderson, Camrose; Thos. H. Howes, Millet; A. M. Smith, formerly of Wembley.

Saskatchewan — R. T. Geck, Kelvington; J. J. Green, Wallard; A. Shutter, Fillmore.

Manitoba — William Pierce, Portage La Prairie.

Ontario — John McGill, Pakenham; P. G. Morrison, St. Mary's.

P.E.I. — Birchfield Yeo, Central Lot 16.

. . .

### Co-op Packing Plant Plans Advanced

Authorization was recently voted by a meeting of shareholders of Lethbridge Co-operative Packers Ltd., empowering the directors to proceed with the building of a complete meat packing house in Lethbridge to serve Southern Alberta. Steps to that end will now be taken as soon as the federal authorities give their final approval to the plans.

It was reported at the meeting that \$60,000 had been raised through the sale of share memberships in the association and that additional money will be sought through shares once a start is made on the building. The plant will cost around \$150,000 and in addition to the revenue from shares the directors have other sources from which capital can be obtained if needed.

A site for the plant has been secured on trackage just west of the Lethbridge stockyards.

. . .

### CHICK LOSSES COSTLY

Death of one chick out of every five is costing Manitoba poultry-keepers a million dollars a year, declares D. C. Foster, Manitoba Department of Agriculture's poultry specialist. To reduce the large number of fatalities among the chicken population, Mr. Foster urges the providing of proper housing and brooding, balanced feeds, clean, fresh water, ample pasture away from the barnyard, sanitation to prevent diseases and parasites, portable range shelters, and plenty of shade.

### WESTERN SHEEP COUNCIL FORMED

As a step to improving the sheep industry, the Western Sheep Council was organized at a meeting in Calgary on July 26, attended by 24 representatives of various sheep and wool growers' organizations.

C. Kimber of Abbey, Sask., was elected president; M. C. Caldwell of Glenwood, vice-president, and W. S. Benson, Lethbridge, secretary. The first annual meeting of the council will be held in Calgary in January.

Wool prices should be stabilized at about five cents a pound higher than they were during the war, the meeting agreed, and the federal government will be urged to lift the embargo on the shipment of commercial sheep to the United States. The council will undertake an educational campaign to popularize the use of lamb and the province will be asked to continue paying bounty on coyotes which are causing heavy losses in many flocks.

. . .

### Well Bred Hens Need Less Feed

**P**OULTRY nutrition and heredity determine the efficiency with which a hen utilizes feed; in other words, good breeding saves feed. Good breeding — inherited characteristics of high production — makes possible the transformation of a minimum of feed to a maximum of eggs.

The maintenance of poultry is the first cost in egg production, and in this regard Dominion Department of Agriculture nutritionists point out that a 6-lb. hen consumes about 73 lbs. of feed a year for maintenance alone. The greater the egg production, the smaller the amount of feed required for each additional dozen eggs produced. Feed consumption in flocks averaging 140 eggs per 6-lb. hen per year is equivalent to 8 lbs. of feed per dozen eggs produced.

Feed consumption in flocks which lay an average of 210 eggs per 6-lb. hen per year is equivalent to practically 6 lbs. of feed per dozen eggs produced. Still less feed is required to produce one dozen eggs in flocks laying in excess of 210 eggs per hen. R.O.P. chicks and R.O.P. sired chicks are the standard of good breeding in Canada.

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It takes approximately 100 years to add one inch of topsoil to the land, soil conservation specialists say.



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It's the *balanced gasoline*, loaded with *extra power* for your tractor, truck or car. Emergency power for the hard, tough going . . . alert, flashing power for the highway . . . a steady stream of smooth power — day-in, day-out.

Superior Fire-Power makes this fine performance possible. Molecules were split and scientifically rebuilt to load every gallon of Texaco *FIRE-CHIEF* Gasoline with extra Fire-Power. It's "tailor-made" for tractor, truck and car engines.

Texaco *FIRE-CHIEF* gives you smooth performance, steady pulling power and longer engine life. Try it and see what we mean. Call your McColl-Frontenac representative today.

#### What Texaco *FIRE-CHIEF* Gasoline Offers the Farmer



*Power to pull when the going is tough.*



*Good mileage on the highway.*



*Steady all-around engine performance.*

**IT PAYS  
TO FARM  
WITH**

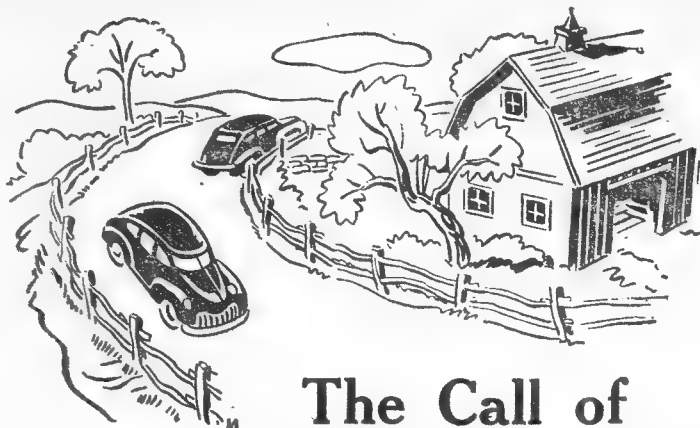
**TEXACO & McCOLL-FRONTENAC**

**PETROLEUM PRODUCTS**

TUNE IN . . . TEXACO STAR THEATRE presents the TONY MARTIN SHOW every Sunday night. See newspaper for time and station.







## The Call of the Open ROAD ...

One just can't work all the time! — it does you good to relax and get away once in a while, especially these warm, bright days. So plan a trip to one of Alberta's beauty spots this week-end.—TAKE THE FAMILY!

*Suggested by*

*The Brewing Industry of Alberta*



A new, bigger, better loader for your standard tread tractor—that's the Coats "Giant". This super heavy-duty hydraulic loader loads, lifts, rakes, pulls, does everything. Gives you a host of added advantages, including:

- 1  $3\frac{1}{2}$ " single cylinder—lifts load faster with less tractor pull than double cylinder types.
- 2 "Power shovel" effect permits it to bite into load harder and faster.
- 3 Protected lifting cylinder—Cylinder assembly frame absorbs all side pressure and leverages.
- 4 Free swinging bucket remains level at all times.
- 5 Finger-tip control—one lever at driver's seat raises, lowers, dumps bucket.
- 6 Lifts  $\frac{1}{3}$  yard to height of 8 feet.

Now available for I.H.C., "W-6", "W-9", "10-20", John Deere "D", and many other standard tread tractors.

Ask your dealer for the facts or write for free circular today.

—there's a Coats Loader for every make and type of tractor except crawlers—

## THE NANCE COMPANY

Red Deer, Alberta

Innisfail, Alberta

## FARM INCOME HIGHER IN 1946

CANADIAN farmers' cash income from the sale of farm products during 1946 totalled \$7,742,341,088, an increase of \$44,643,800 over 1945, the Bureau of Statistics has reported.

Including payments made under the wheat acreage reduction act, the prairie farm assistance act, and the prairie farm income act—amounting to \$16,970,000 in 1946 and \$6,439,000 in 1945 — total cash income in 1946 was \$1,759,311,000 against \$1,704,137,880 in the preceding year.

Cash income from the sale of grains and field crops rose from \$700,880,000 in 1945 to \$749,434,080 in 1946, while income from the sale of livestock and products fell from \$969,398,000 to \$964,191,000. Miscellaneous income rose from \$27,416,008 to \$28,716,000.

Total farm cash income in 1946 by western provinces follows (totals of 1945 bracketed): Manitoba \$171,435,000 (\$154,709,000); Saskatchewan \$417,327,000 (\$417,959,000); Alberta, \$289,070,000 (\$293,018); British Columbia, \$86,192,000 (\$74,948,000).

## for the farm library

HOLSTEIN - FRIESIAN HERD BOOK, Vol. 50, containing the names and numbers of 53,150 animals registered by the Association in 1945, list of members, bylaws, etc. Available at \$1 per copy from G. M. Clemons, Brantford, Ont.

FEEDLOT FINISHING OF CATTLE AND SHEEP IN THE IRRIGATED AREAS OF SOUTHERN ALBERTA — written by Frank Whiting and contains much information of value to feeders in any part of the province. Included are plans of equipment and tables giving concise information on values of feeds and similar data. Copies are available from the Dominion Experimental Station, Lethbridge.

ONE-WAY DISC MAINTENANCE AND OPERATION — by E. B. Martin and B. T. Stephanson, available from the extension department of the University of Alberta or the Alberta department of agriculture. This bulletin gives much information on adjustments, servicing, hitches, etc., for this important tillage implement.

AN ILLUSTRATED GUIDE TO PRAIRIE WEEDS — a new edition of this valuable and popular bulletin describing and illustrating 66 common prairie weeds. This is available, free of charge, from any line elevator agent or from Line Elevator Farm Service, Winnipeg or Calgary.

## Calcium is Essential To Egg Production

LAYING hens need calcium to produce strong shelled eggs. When a laying hen lacks calcium it is drawn from the bones and when this supply is used up hens produce thin-shelled eggs and finally cease laying.

The calcium content in the blood of a laying hen is about twice as great as that found in the blood of a rooster or immature pullet. This is because hens need a greater supply of calcium to build egg shell material. Unless their calcium supply is replenished constantly they will lay soft-shelled eggs or cease to lay.

Keeping a good supply of oyster shells before the layers at all times is the best assurance that a flock of hens is receiving an adequate supply of calcium to provide for strong shells and more eggs. Ground limestone may also be used by mixing it with mash at the rate of 2 to 3 per cent.

A relatively weed-free farm is a source of pride, satisfaction and profit.

## BIG RANCHES SOLD

Senator R. B. Horner of Blaine Lake, Sask., recently purchased the well-known 13,120-acre Pollock ranch near Pollockville on the Red Deer river, regarded as one of the best pasture locations in the short-grass area of Eastern Alberta. Another noted Alberta property changed hands when Senator Horner sold the old Rawlinson horse ranch on the Bow River northwest of Calgary to W. E. Osler of Winnipeg.

## Pack Eggs Carefully

IN SHIPPING or carrying eggs to market, they should be placed in the crate small end down. Failure to do this may account for considerable loss in quality. When the egg is laid the contents fill the shell, then as the egg cools shrinkage takes place, causing a separation of the two membranes found immediately inside the shell. This separation almost always occurs at the large end of the egg and an air pocket known as the air cell is formed.

If the egg is placed large end up in the case or crate, the membrane under the air cell serves as a cushion to absorb shocks and help maintain the strength of the yolk membrane. If the small end of the egg is placed uppermost and the egg receives shocks such as might result from moving rapidly over rough roads or in any way, many of the air cells may break loose and become what is known as ruptured or movable air cells (watery eggs). Eggs such as these go into the lower grades and cut down the returns.

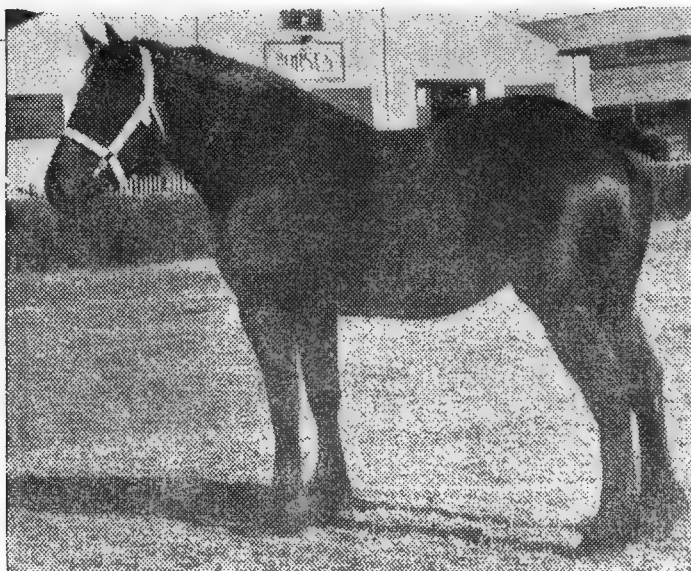
Place the eggs in cases with good sound flats and fillers, with pads at top and bottom of cases, and ship frequently. Do not use musty straw or hay for packing as this will taint the eggs.

## KEEP HOUSES CLEAN

Damp, unsanitary conditions favor the development of poultry disease and parasites. Frequent changes of litter and thorough cleaning of houses and equipment are necessary for the maintenance of health and thrift in the flock.

REGULAR flock culling is an important management factor that goes a long way toward maintaining a profitable level of production in the farm flock. As soon as a hen quits laying, she becomes a boarder and her feed bill must be paid by the other laying hens, thus cutting down total profits.





#### BEST ON THE CIRCUIT

Hardy Salter's good black mare, Starlight Konkarness, is again scoring in Percheron judging rings this season, having carried off her twelfth and thirteenth purple ribbons as grand champion female at Calgary and Edmonton exhibitions. Salter also showed the grand champion stallion, Starlight Clelaet, at Edmonton, while R. O. Sykes took the top award at Calgary with Silver Jim.

## Champions At The Stampede

FINAL results of the cowboy championship contests at the Calgary Stampede were decided as follows:

North American all-round championship for the Gordon Love trophy: Bill Linderman, Red Lodge, Montana.

Canadian all-round championship for the A. E. Cross Memorial trophy: Frank Duce, Cardston.

Cowboys' North American championship Bucking Horse Riding Contest (with association saddle) for the G. A. Gaherty and the Ontario Laundry trophies:

Final money — 1st, \$288; 2nd, \$216; 3rd, \$144; 4th, \$72.

1. Jim Like, Kim, Colorado.  
2. Casey Tibbs, Pierre, South Dakota.

3. John Tubbs, Spokane, Wash.  
4. Bill Linderman, Red Lodge, Montana.

Cowboys' Bareback Bucking Horse Riding Contest (with surcingle) for Henry Birks and Sons Ltd. trophy:

Final money—1st, \$336; 2nd, \$252; 3rd, \$168; 4th, \$84.

1. Jimmy Schumacher, Phoenix, Ariz.  
2. Wag Blessing, Newhall, Calif.  
3. George Spence, New Westminster, B.C.

4. Gerald Roberts, Strong City, Kan.  
Cowboys' North American Championship Calf Roping Contest for Lethbridge Breweries trophy and Harry Jacques' special prize:

Final money — 1st, \$966; 2nd, \$724.50; 3rd, \$483; 4th, \$241.

1. George Leask, Madden.  
2. Pat Burton, Nanton.  
3. Bert Cochlan, Stavely.  
4. George Pambrun, Browning, Mont.

Cowboys' North American Championship Wild Steer Decorating Contest for Canadian Greyhound Lines trophy:

Final money — 1st, \$520; 2nd, \$390; 3rd, \$260; 4th, \$130.

1. Scotty Bagnell, Arlee, Montana.  
2. Rod McDonald, Claresholm.  
3. Bill Linderman, Red Lodge, Mont.

4. Jim Robinson, Pincher Creek.  
Novice Championship Bucking Horse Riding Contest (with association saddle) for Shortt's Jewelry Store trophy:

Final money — 1st, \$148; 2nd, \$111; 3rd, \$74; 4th, \$37.

1. Bob Lauder, Elnora.

2. Dale Flett, Youngstown.

3. Jim Turner, Rock Creek, B.C.

4. Harry Dence, Youngstown.

Men's Wild Steer Bareback Riding Contest (with loose rope) for Safeway Stores trophies:

Final money — 1st, \$328; 2nd, \$246; 3rd, \$164; 4th, \$82.

1. Ralph Thomson, Black Diamond.  
2. Jack Cook, Cochrane; Muff Doan, Halkirk, and Gerald Roberts, Strong City, Kansas, tied for 2nd.

Boys' Wild Steer Bareback Contest (with loose rope) for T. Eaton trophy:

Final money — 1st, \$156; 2nd, \$117; 3rd, \$78; 4th, \$39.

1. Bob McKay, Black Diamond.  
2. Reggie Munro, Calgary.  
3. Jimmy McGregor, Black Diamond,  
4. George Jerry, Cluny.

Final money for wild cow milking:

1st, \$56; 2nd, \$42; 3rd, \$28; 4th, \$14.  
1. Alex Watson, Midnapore.  
2. Cliff Vandergrift, Turner Valley.  
3. Donald Edge, Cochrane.  
4. George Noiseworthy, Espanola, New Mexico.

The twelve finalists in the chuckwagon races at the end of the week's thrilling events finished in the following order for the prizemoney:

1. Johnny Phelan, Red Deer	\$1,000
2. Slim Fenton, Cochrane	700
3. Allan O'Bray, Innisfail	500
4. Jack Higgins, Aldersyde	350
5. J. J. Swain, Innisfail	275
6. Alvin Hilker, Red Willow	200
7. Willard & Nelson, Queenstown	160
8. J. S. Armstrong, Elnora	100
9. Buckhorn Ranch, Pincher Creek	105
10. Orville Standquist, Stettler	90
11. W. J. Hamilton, DeWinton	80
12. Charlie Lundseth, Bowden	70

On commercial fertilizer containers, the first of the three number group stands for the available percentage of nitrogen in the fertilizer; the second number is for the available percentage of phosphoric acid and the third is the potash content.

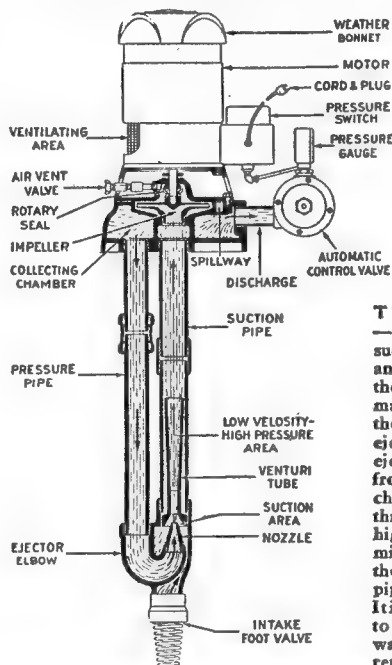
The bounty of \$5 each being paid by the Alberta government on coyotes and coyote pups will be reduced to \$3 after September 30. Only residents of the province who are not licensed dealers in pelts are eligible to collect the bounty.



## FAIRBANKS-MORSE EJECTOR TYPE WATER SYSTEM

Can be installed off the well... Has no moving parts below ground

You're through forever with pumping and carrying water when you instal a Fairbanks-Morse Ejector Type Water System. These compact, easy-to-instal water systems give you all the water you need at the turn of a tap. As there are no moving parts below ground, they can be installed away from the well.



DEEP WELL AND SHALLOW WELL TYPES—Shallow Well Models (Lifts of 22' or less) are available in capacities of 500 to 1170 gallons per hour. Deep Well Units from 142 to 607 gallons per hour. All systems are simple, compact units, shipped fully assembled. They are self-priming and quiet running.

#### THE EJECTOR PRINCIPLE

The F-M Ejector Pump operates on the suction principle. It is equipped with an ejector assembly located below the water level of the well for maximum lift. Water passes through the pump collecting chamber to the ejector, creating a vacuum around the ejector nozzle. This enables water from the well to flow into the suction chamber of the ejector. Water forced through the ejector nozzle flows at a high speed into the venturi, where it mixes with water from the well, causing the water to be jetted through the suction pipe to within suction range of the pump. It is forced into the discharge pipe leading to the storage tank and a portion of the water remains in the collecting chamber repeating the cycle.

## FAIRBANKS-MORSE FARM EQUIPMENT

See your nearest FAIRBANKS-MORSE dealer today, or write:

WATER SYSTEMS.....  
LIGHTING PLANTS.....  
"Z" ENGINES.....  
HAMMER MILLS.....  
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WASH MACHINES.....  
SCALES.....  
OIL-BURNING SPACE.....  
HEATERS.....  
OIL-BURNING WATER.....  
HEATERS.....

The Canadian FAIRBANKS-MORSE Co., Limited

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(Send this coupon to nearest branch)

Please send me information on the items indicated.

Name .....

Address.....

FR-6



THE relationship between a landowner or tenant and the land by which he lives has been interpreted in the past in an easy going way. But sentiment is changing and there is strengthening conviction that land should be husbanded, not mined. It should be turned to wisest production, not exhausted nor allowed to run waste. It should not be neglected until weedy growth becomes a menace to clean farms round about. In

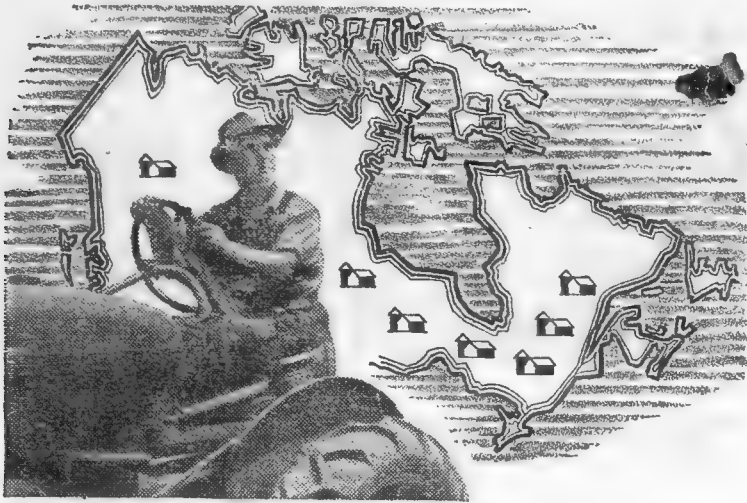
## Farmer's Land Held in Trust

short, the land which is the basis of all national prosperity is merely held in trust by the current occupant and must be maintained in its fertility and strength from generation to generation. That should be the long term

# Editorials by PRACTICAL OBSERVERS

view of land ownership and cultivation. There should be laws preventing misuse of land, and there should be means by which the good farmer can be protected from carelessness of the neglectful farmer. A man who allows his land to revert to weedy waste, infesting other land, and who persists in the practice despite warnings, should not expect too much consideration. He is sinning against his neighbors and against the land itself. . . . The idea of "land held in trust for the future" is not new. It is time it was acted upon.—High River Times.

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## Meet the Production Manager of Canada's Biggest Business

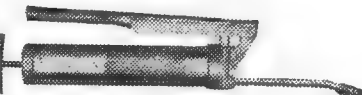
YES, WE MEAN YOU . . . the Canadian Farmer, whose office is half a continent . . . whose customers are the entire world . . . and upon whose skill and hard work rests the hope of millions on the brink of famine.

The Canadian farmer is doing a big job . . . but schedules and production can only be maintained if farm machinery keeps operating. That is why the far-sighted farmer uses a complement of Alemite Lubrication Equipment to keep his machines from breaking down . . . he knows that vital parts need lubricating regularly . . . and Alemite have devised lubrication equipment especially adapted to farm needs.

Avoid breakdown headaches this year by planning lubrication maintenance now. See your Alemite dealer — he has Alemite equipment in stock that will help you in the job you are doing.



Alemite Model 6536-R Volume Pressure Pump, equipped with 7 ft. high pressure hose, is built to withstand hard usage and makes lubricating your equipment easier, faster, and surer.

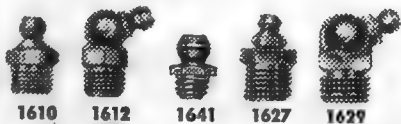


Model 6578-R—Alemite Lever Type Gun. One pound capacity — develops 10,000 lbs. pressure. Spring-primed for positive action — return type plunger handle.



2346-C—This handy fitting box includes the fittings you'll use most to insure proper lubrication for your Farm Equipment.

Alemite fittings are designed for complete lubrication of standard equipment on all Canadian farm machinery.



# ALEMITE

## LUBRICATION EQUIPMENT



Alemite Lubrication Systems and Equipment, Jacket Casters and Furniture Glides, South Wind Automotive Heaters, Stewart Warner, Made in Canada

STEWART-WARNER ALEMITE CORPORATION OF CANADA LIMITED  
BELLEVILLE, ONTARIO



agriculture and its allied mechanical requirements as comprehensive in every way as the course for commercial students. And in the case of the girls, their teaching for a life on the farm should be domestic science beamed to conditions as they actually exist on a farm . . .

Here in Alberta the agricultural training in our public and high schools has been in name only. It is but a poor excuse. It does nothing for the boys and girls which would close the gap between their calling and the professions and callings in the towns and cities, with the result that the great majority of our young farm people have no intention of living a life of drudgery on the farm — or at least so they have come to regard it.

We do not know how to awaken our professional educators in Alberta to the fact that we are sadly neglecting a very large share of our young people by the academic attitude taken towards the teaching of agriculture and agricultural mechanics in our schools. If they would but realize that 90 cents out of every tax dollar comes either directly or indirectly from the products of our farms we would perhaps get a different approach to the matter. Or perhaps educators think their main object in life should be to get all the boys and girls off the farms with least possible delay.—Lethbridge Weekly Herald.

AGRICULTURAL authorities in the United States are warning farmers to be on the watch for the inevitable return of the drouth years which turned large sections of farm land into veritable dust bowls. What has been said in the United States about the return of the dry

## Prepare Now For Next Dry Cycle

years is equally applicable in Western Canada.

For the past number of years we have experienced reasonably wet seasons, and have to some extent forgotten the drouth and all the misery that it brings with it, and have taken only minor steps towards combatting its ravages. The drouth will return to the West as in the past.

Building of dams and dugouts, planting shelter belts of trees to hold spring run-offs, regrassing of overcultivated and overgrazed lands are outstanding methods which will enable the farmer and rancher to battle his way through a long period of dry summers. Irrigation, of course, is the answer to the drouth problem in the West. However, irrigation cannot be implemented over night.

In the meantime every means possible to combat drouth should be used, and used immediately. When dry years strike, it is too late to do anything about it. A long-sighted view is necessary now, if drouth conditions are to be successfully combatted when they recur, at some time in the future.—The Hanna Herald.

ONLY the fringe of farm boys and girls are able to afford to go to an agricultural college after they have finished high school. And the need for these trained agriculturists after they graduate is so great that they very seldom find their way back to the farm.

## Education For Future Farmers

What we need is training during the public and high school years which will fit the boys and girls for a life on the farm, a life which will give them contentment along with the ability to do their job well. We think these days that it is right and proper to give commercial courses in our high schools, turning out students fully equipped to take their place in the business life of the community. It is in the towns and cities where the emphasis is placed on this training, and it is a right and proper training for those who elect to take such courses.

But we do not have the counterpart of such training for the boys in the rural areas who will spend their lives maintaining the very foundation of our existence, agriculture. What we should have is either a course in

## HONORED BY A.I.C.

J. S. McGowan, director of colonization and agriculture, Canadian National Railways, who has been elected a Fellow of the Agricultural Institute of Canada at the recent annual meeting of that organization at Lethbridge. The honor was given to Mr. McGowan "in recognition of his outstanding contribution in the fields of agricultural development and home building in the rural areas."

## PLAN ANGUS SALE

Breeders of Aberdeen-Angus cattle gathered at the University farm in June for a field day sponsored by the Alberta Aberdeen-Angus Association, headed by R. V. McCullough, president, and H. E. Wilson, secretary. It was decided to sponsor an association sale of female stock to be held in Calgary around November 1. The executive felt that about 100 head of females might be offered.

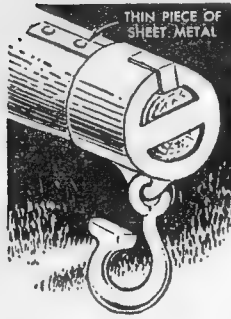
## TOWERS RANCH SOLD

The 2,800-acre Harold Towers ranch on the Jumping Pound, near Cochrane, Alta., has been purchased by Clarence Copithorne, Cochrane, and will be added to his already extensive holdings in that area. It is regarded as one of the best range cattle locations in the district west of Calgary.



# Handy Devices

By Courtesy of the Popular Mechanics Magazine.



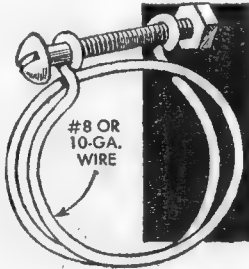
## TO SECURE SINGLETREE IRONS

**SINGLETREE** irons will not slip off easily when they are secured with thin strips of sheet metal. Tack a strip to the singletree, letting it extend out beyond the end for a short distance. Then slip the iron in place and bend the metal back over it as shown. This will make a firm fit and prevent the iron from working loose.

★ ★

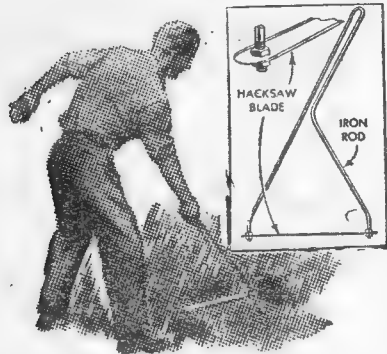
## WIRE AND BOLT MAKE HOSE CLAMP

If a hose clamp is not at hand, a substitute can be made from No. 8 or 10 wire. Wrap the wire around the hose twice and bend an eye at each end. Then slip a bolt through the eyes and tighten.



★ ★

## HACKSAW BLADE USED AS GRASS CUTTER



**GRASS** and weeds that are too tall to be cut with a lawn mower will fall before this cutter, which is made from a power hacksaw blade and a length of iron rod. The teeth of the blade are ground off and both edges are sharpened. Then the rod is bent as indicated in the upper right-hand detail and the blade is locked in place with two nuts.

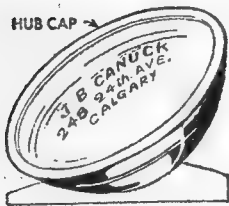
## ANGLE "BREAK" IN WIRE FENCE



**HERE'S** a simple way to build a fence that will permit people to pass through the opening but will stop most large animals. Two arms are built, as shown, and the other side of the fence extends almost to the bottom of the Y. Because it requires no special hardware or fittings, this opening is constructed quickly and easily. When it can be used, it costs less than a gate.

★ ★

## NAME PRINTED ON AUTO HUB CAP



**THE** large hub caps on present-day automobiles sometimes are scraped off when rubbing against curbstones, lost in traffic or forgotten when changing a tire. However, if your name and address are stenciled, scratched or printed on the inside of the cap, you have a chance of having it returned if it becomes lost and is picked up by another motorist.

★ ★

## TO PLUG HOLE IN PLASTER

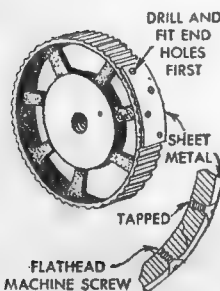
**AS** an emergency expedient, use white tissue paper that has been soaked in paste to plug a hole in a plastered wall. You can mold it into a solid mass and, after it is applied, smooth it down until even with the plaster. The patch can be finished to match the wall.



★ ★

## BROKEN MOWER WHEEL REPAIRED

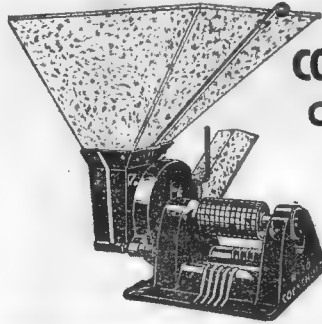
**BECAUSE** a cast-iron wheel on a lawn mower is broken doesn't mean that it must be discarded. A simple repair can be made with a piece of sheet metal and several flat-head machine screws. Fit the broken piece to the wheel and drill and tap several holes on each side of the cracks. Then bend a length of metal to cover the cracks and fit the curvature of the wheel. Holes are drilled in the metal to fit the holes in the wheel and the former is fastened in place with machine screws. Bevel the ends of the metal "patch".



# COCKSHUTT AIDS TO BETTER FARMING

In addition to a full line of implements and equipment for every farming operation the Cockshutt Line includes a wide range of high grade miscellaneous items, three of which appear below. Ask your local Cockshutt Dealer also about the "Stock Minder" Electric Fencer, Farm Utility Seat, etc.

## It Pays to Grind Your Own Feed with a COCKSHUTT "30" GRINDER Capacity up to 250 Bushels Per Hour!



This outstanding Grinder has valuable and exclusive features making for longer life, greater efficiency and economical performance. Get your Cockshutt Dealer to show them to you.

## Use a COCKSHUTT-DAPCO Portable Air Compressor

to  
SPRAY paint, whitewash, liquid and powder insecticides.

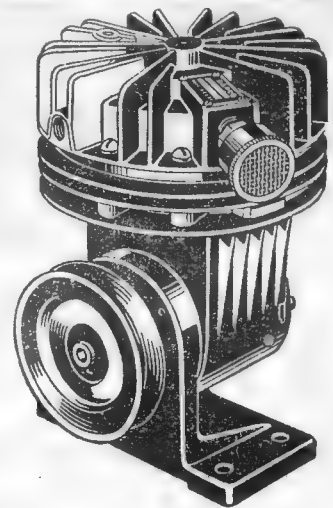
LUBRICATE your tractor, truck, car, combine and all farm machinery.

INFLATE the tires of your tractor, truck, combine, etc.

BLOW DIRT from radiators, implements, buildings, etc.

Delivers 100 lbs. continuous pressure at nozzle.

Spray Gun, Power Grease Gun, Air Hose, etc., available as accessories.



Carry Your Air Anywhere

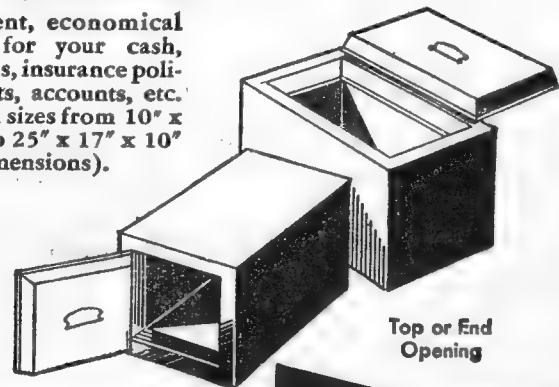
## COCKSHUTT VAULTS

Will Protect Your Valuables  
From Fire or Theft

FOR HOME  
or  
BUSINESS

Convenient, economical protection for your cash, bonds, deeds, insurance policies, receipts, accounts, etc. Available in sizes from 10" x 10" x 10" to 25" x 17" x 10" (outside dimensions).

Key or  
Dial  
Locks



Top or End  
Opening

Make farming pay the Cockshutt way. Standardize on the complete Cockshutt line.



COCKSHUTT  
FARM EQUIPMENT

PARTNERS OF THE  
CANADIAN FARMER  
FOR

108  
YEARS

# COCKSHUTT

PLOW COMPANY LIMITED  
SUDBURY MONTREAL BRANTFORD WINNIPEG REGINA SASKATOON  
SMITHS FALLS CALGARY EDMONTON



## I WANT TO KNOW

### How much of our farm income should go for life insurance

The answer to that question would depend on the answers to many others. Is your farm mortgaged or free of debt? Have you children for whom you wish to assure a good start in life? Could your family step into your shoes and manage the farm as a money-making business, or would they need time to learn? Is it your hope in later years to sell your farm and retire, or retire and still manage your farm with your own labour replaced?

Mutual Life of Canada representatives have received special training in adapting Mutual low-cost life insurance to fit the needs and plans of individual farmers and their families. They are well-qualified to give expert advice on the policy or policy-combinations best suited to your particular requirements.

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**MUTUAL LIFE**  
OF CANADA

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OFFICE  
WATERLOO  
ONTARIO

## Calgary Livestock Show

(Continued from page 6)

some excellent young animals in this section of the show.

Heavy teams were a feature of the show, Dunham Bros. of Fairlight, Sask., taking the honors in both four-horse and six-horse events, while runners-up were C. W. Clark of Prince, Sask.; Union Milk Co., Calgary; Burns and Co. Ltd., Calgary; Lawrence and Elmer Rye, Edmonton, and the Co-operative Milk Co., Calgary. Clark had good wins in agricultural and heavy draft classes, while other attractive entries were shown by Union Milk Co., Co-op Milk Co., M. E. Latam of Bremner, Dwight Ellis of Hualta, Hardy Salter, Calgary; Alex Watson, Calgary, and D. A. McDonald of Brant.

### CATTLE

**ABERDEEN ANGUS**—Bulls: GC and SC, Bandolier of Don Head 19th, Don Head Farms, Richmond Hill, Ont.; RGC and JC, Enehanter of Don Head 50th, same exhibitor. (More will be heard of this good young bull in Alberta Aberdeen Angus breeding in future.)

Females: GC and SC, Glenelg Queenetta Middlebrook, Glenelg Farm of Newton, Man.; RC and JC, Blackcap of Don Head 18th, Don Head Farms.

Graded Herd: 1, Don Head Farms. 2, Glenelg Farm.

Other prominent exhibitors: S. C. Prichard & Son, Midnapore, Alta.; Riverbend Farm, Benalto; R. H. Hart, Claresholm; Fred Thompson, Fairlight, Sask.; W. L. Fowler, Airdrie; Harold Guloiien, White Fox, Sask.; J. L. Nelson, Millarville; Jas. Scott & Sons, Conrich.

**SHORTHORNS**—Bulls: GC and SC, Killearn Monarch 105th, H. R. McConachie, Cochrane, Alta.; RGC, Searle Elegant 15th, Searle Farms, East Selkirk, Man.; JC Kelburn Banker Royal, Richardson Stock Farms, Winnipeg.

Females: GC and JC, Kelburn Crocus, Richardson Stock Farm; RGC and SC, Icini Crocus 11th, Richardson.

Breeders Herd: 1 and 4, Searle Farms; 2, Richardson; 3 and 5 John Gardhouse & Sons, Weston, Ont.; 6, P. J. Rock & Son, Drumheller, Alta.

Other leading exhibitors: Emil Cammaert, Rockyford.

**HEREFORDS**—Bulls: GC and SC, Real Prince Domino Reward, Jack Paul, Okotoks; RGC and RSC, Triumphant Blanchard, McIntyre Ranching Co., Lethbridge; JC, Domino L.R. D. 12A, W. J. Edgar, Innisfail.

Females: GC and SC, Court Miss Lionheart 3rd, Earls Court Farms, Lytton, B.C.; RGC and JC, Miss Triumph M.R.C. 13, McIntyre Ranching Co.

Breeder's Herd: 1, Earls Court Farms; 2, W. J. Edgar; 3, G. R. Bar Ranch, Pincher Creek, Alta.; 4, Wright & Bond, Irricana; 5, Peter Massie, Midnapore.

Other leading winners: Miss F. E. Boggs, Bottrel, Alta.; Tatlock Bros., Bentley, Alta.; John Drevor, Red Deer; S. C. Prichard, Midnapore.

**HOLSTEINS**—Bulls: GC and SC, Strathmore Canary Hengerveld, Pickard & Clark, Acme, Alta.; RGC, Rockwood Bonerges Posch, Rockwood Holsteins, St. Norbert, Man.; JC, Sky Rockwood, Rockwood Holsteins, St. Norbert.

Females: GC and SC, Elie Hiel Pietz, Rockwood Holsteins; RGC, Fannie Snowden DeKol, Pickard & Clark; JC, Rockwood Lass Rockette, Rockwood Holsteins.

Other leading winners: J. W. Hosford and B. E. Hosford, South Edmonton; H. L. Ahren, Red Deer; Claude Webb, Swatwell, Alta.

**JERSEYS**—Bulls: GC and SC, Graf-

## Raymond Champion Calf Brings \$1 lb.

THE champion calf exhibited by Gracie Peterson of Raymond in the beef calf club competition at Lethbridge fair sold for \$1 a pound, equaling the Alberta record for such sales. Majority of the entries sold between 20 and 27 cent a pound. Top prize-winners in the single entry class were Gracie Peterson, Helen Peterson, Ross Paxman, Kenneth Smith, Walter Miller and Frances Kotesek. Best group of five were shown by James Murray, William McGillivray, John Redd, Ivan Bishop and Lyle Murray.

ton N-Bly Observer, Henry Thompson & Son, Fairlight, Sask.; RGC, Babba-combe Standard's Showman, Quilchena Farms, Vancouver, B.C.; JC, Grafton Roseley Observer, Thompson & Son.

Females: GC and SC, Brandon Premier's Ann, Brandon Creamery & Supply Co.; RGC, Wendron Anna's Isabell, Thompson & Son; JC, Signal's Forward Dina, Chas. Dixon, St. Albert Trail, Alta.

Other prominent prizewinners: H. H. Longeway, Calgary; C. D. and D. J. Enman, Wetaskiwin.

**AYRSHIRES**—Bulls: GC, Strathglass General's Valor, Hodgson & Borrett, Forest Lawn, Alta.; RGC, Hermitage Golden Ambassador, Richards Bros., Red Deer.

Females: GC and SC, Edenbank Polly's Kate 3rd, Hodgson & Borrett; RGC and RSC, Lakeview Polly, A. M. Gillespie, Hualta, Alta.

Senior Herd: 1, Hodgson & Borrett; 2, Richards Bros.; 3, A. C. Anderson, Calgary; 4, Miss S. E. Ritchie, Calgary; 5, Herbert Ness, DeWinton; 6, Mrs. N. and E. Dickey, Calgary.

Other leading exhibitors: R. H. Marston, Airdrie; J. W. Littleton & Son, Del Rosa, California.

### SWINE

W. H. Ferguson of Calgary showed the champion Yorkshire boar, the reserve going to D. M. Webster of Airdrie. The Yorkshire show was of high quality throughout, indicating a continued interest in the raising of good breeding stock. Webster showed the grand champion sow and Wm. Hudson had the reserve grand and junior champion. Other good herds represented were those of Lord Rodney, Fort Saskatchewan; C. W. Lang of Okotoks; A. V. Strachan, Carman, Man.; T. R. Andrew, Airdrie. Lang had the only Tamworth entries and swept the prizes for this breed.

### SHEEP

The sheep show was up to the usual high standard, with keen competition in all classes. P. J. Rock & Son, Drumheller showed champion and reserve Hampshire rams as well as champion ewe, the reserve going to C. W. Fowler of Airdrie. Other leading winners were B. H. A. MacDonald of Vulcan; J. H. Allonby of Forest Lawn; William Hudson of Kathryn, and Robert C. Golightly of Streamstown.

Rock, Fowler, Hudson and A. C. Stewart of Abbotsford, B.C. shared awards in the Southdown division of the show, Stewart showing champion ram, Rock the champion ewe and Tom Hudson the reserve with both male and female entries.

A. C. B. Grenville of Morrin showed both champion and reserve champion Suffolk rams and Clarindale Stock Farms had the champion ewe, reserve going to C. H. Borwick of Drumheller. Rock, Victor Watson of Airdrie, A. C. Stewart and D. Pig-gott of McMurdo, B.C. also were well up in the money in the Suffolk show.



## Get The Combine Ready

THE promise of a heavy crop makes it imperative that harvesting equipment be put in good working condition as soon as possible. At the present time some replacement parts are short. An early overhaul of the combine is advised.

The main point to check in combine repair are as follows:

- (1) Cutting mechanism.
- (2) Bearings.
- (3) Chains, belts, canvasses and conveyors.
- (4) Cylinder, straw racks, sieves.
- (5) Frame.

The cutting mechanism is one of the most important parts of a combine. Check the table and the individual guards for alignment. Make adjustments where necessary. Replace worn wear plates, dull ledger plates and sickles, worn knife heads, guides and pitmans. When replacing the pitman or knife crank, make sure that the new part is similar to the old one.

Go over all the bearings on the machine, testing for end as well as up and down clearance. Give special attention to the high speed bearings such as the cylinder, beater and fan. Always replace bearings that have noticeable clearance. Do not wait until complete failure occurs. Carefully adjust the straw walker bearings as their smoothness of operation reduces sieve overloading. Do not neglect wheel bearings in your check.

Stretched and worn chains, and rubber belts which are cracked or well worn down in the pulley grooves should be replaced. Chains are cheaper than gears and good rubber belts maintain the proper shaft speeds. Mend torn canvasses, renew poor straps and broken slats. Turn grain elevators and tailings conveyors over slowly, noting chain condition and adding missing flights as required.

Cylinder teeth, rasp bars or rubber rub bars should definitely be replaced if wear is evident. In order to maintain threshing efficiency, the cylinder must be in perfect condition. Worn straw racks or sieves should be replaced.

While going over the above items, it is wise to test all bolts on the main frame and combine body for tight. Repaint your combine when it comes necessary. A well painted chine looks better, lasts longer, has a better resale value.

...

## De Laval Announces Improved New Products

ANNOUNCEMENT is made of a line of De Laval cream separator—the New De Laval World's Standard Series designed for cleanest possible skimming and easiest cleaning. Every part that milk touches—bowl, support can and covers with open discharge type spouts—are made of high finished stainless steel. Two new line of milkers are also announced—the New De Laval Magnetic Speedway and the New De Laval Sterling.

The New De Laval Speedway unit has pail, operating top, milk claw and teat cups of finely finished stainless steel. The new claw has a removable rubber bottom, permitting straight-through brushing and visible sanitation. The new udder pulsator is designed for "lifetime" service, having cylinder insert of special metal and shortened piston travel to greatly increase its service life and efficiency. The New De Laval Magnetic Speedway Pulso-Pump is still of the low speed, rotary type always used by De Laval, having increased vacuum ca-

capacity and a new system of economical metered lubrication.

The New De Laval Sterling unit also has stainless steel pail, operating top and the same type milk claw as the New Magnetic Speedway. The new Sterling pump is similar in design to the new Magnetic Speedway pump but without the magnetic pulsation control system.

The New De Laval Speedway water heater is offered to provide dairymen with an ample supply of hot water at low cost for use in washing and sterilizing the milker equipment and other utensils and for use in connection with their modern fast milking program. This heater provides 12 full gallons of 185° water. Still another New De Laval product is the ingenious De Laval Speedway Vacuum Can Hoist for loading and unloading the milk cooler. It operates on 15 inches of vacuum supplied by the milker pump and requires no other cost for power.

...

## S. H. VIGOR RETIRES

Having completed 27 years' service as Saskatchewan field crops commissioner, S. H. Vigor retired on superannuation on July 15. He has been secretary of the Saskatchewan branch of the Canadian Seed Growers' Association and vice-president of the national body, and is a member of the Agricultural Institute of Canada and of the American Association for the Advancement of Science.

...

Colin A. Kerr has been appointed assistant dairy commissioner in the Manitoba department of agriculture. He has served in the dairy branch since 1923, having started as a cream grader. Mr. Kerr is a native of Saskatchewan and served overseas in the first great war.

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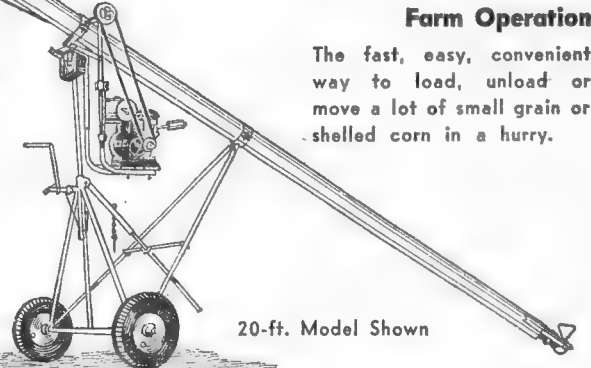
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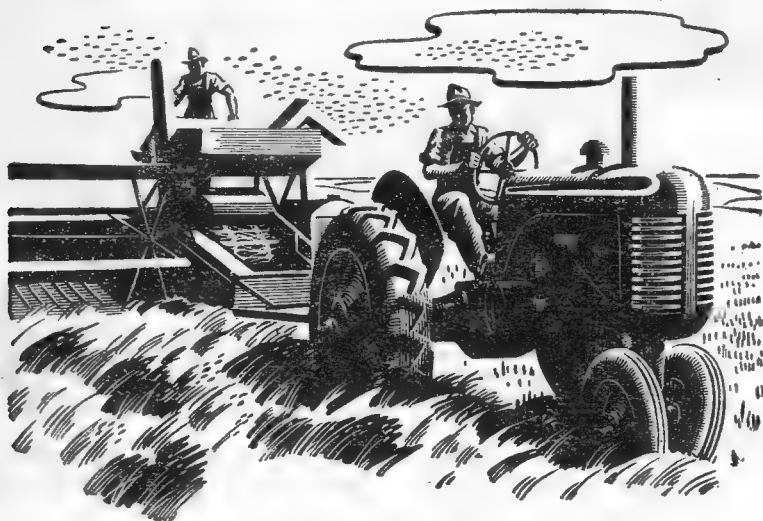
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## THE CANADIAN BANK OF COMMERCE

**H**IS Majesty King George on July 9 announced the engagement of Princess Elizabeth to Lieut. Philip Mountbatten, formerly Prince Philip of Greece. Both the young people are great-grandchildren of Queen Victoria, and the bridegroom-to-be is a nephew of Viscount Mountbatten, Viceroy of India. The marriage is likely to take place in October.

\*\*\*

A total of 1,086,771 men and women served in the Canadian army, navy and air force during the war, it is disclosed from Ottawa. Total casualties were 41,992 killed and 53,145 wounded. In all 24,086 British and foreign awards were won by Canadian members of the services.

## News Items Of Interest

The Privy Council on July 24 ruled that the Social Credit "Bill of Rights" was ultra vires the provincial legislature on the ground that it sought to "restrict chartered banks from continuing to carry on a legitimate part of their present operations." Viscount Simon, one of the law lords, gave judgment to the effect that both part two of the act, providing for control of provincial credit, and part one, enacting social security pensions for Alberta citizens, were invalid.

\*\*\*

J. A. King, chairman of the Alberta Liquor Control Board for the last 12 years, has tendered his registration, to become effective October 15.

\*\*\*

The House of Commons radio committee on July 8 recommended against the establishment of a new body to license and regulate radio in Canada on the grounds that the circumstances did not warrant a fundamental change in the existing setup.

\*\*\*

The Miami colony of Hutterites at New Dayton, Alta., is sending 100 of its members to a new location near Conrad, Montana, where two large farms and a ranch have been purchased. The price paid was some \$228,000 for land and \$12,000 for farm machinery and equipment.

\*\*\*

A steel bridge costing \$142,000 will be built across the Red Deer river near Empress to replace the wooden bridge carried out by spring floods. The Saskatchewan government will pay \$35,000 of the cost and the Alberta government the remainder.

\*\*\*

In a severe hailstorm which swept the Glenwood area north of Cardston on July 19, crops and gardens were heavily damaged and 1,000 young turkeys were killed on the E. J. Wood farm.

\*\*\*

## Fine Stock In Showing At Brandon Fair

**B**RANDON Exhibition opened the 1947 "A" circuit of fairs with one of the largest and best livestock shows ever seen in the West. Especially interesting to the crowds of stockmen who attended were the closely contested classes of heavy horses, beef and dairy cattle and swine. Of equal interest to farmers were many new post-war items in the machinery line. Distributors are still encountering trouble in obtaining all the machinery and equipment they could sell, but anticipate a marked improvement in supply during the coming year.

A notable class was that for agricultural mares or geldings under 1700 pounds in which 13 entries faced the judge, drawing from T. P. Devlin, secretary of the Clydesdale Horse Association of Canada the comment, "I have never seen a stronger class, even at the Royal." C. McDonald, of Deloraine showed first and second prizewinners and McArthur of Brandon third and fourth. Royal Sensation, shown by A. Learmonth; Brandon was grand champion Clydesdale stallion and Fred Dunn of Alexander had grand champion female in Elm-croft Ruby Red.

R. Kedzie of Rivers showed grand champion Percheron stallion, Raymo Prince, the top female award going to W. Middleton, Brandon, on Hivu Alberta.

In the Aberdeen Angus ring, Don Head Farms, Richmond Hill, Ont., carried off most of the top awards but were given strong competition by a number of breeders in the province.

Leading exhibitors in the strong Shorthorn show were Richardson Stock Farms, Winnipeg, Searle Farms of Selkirk, John Gardhouse & Son of Weston, Ont., James Ross of Alexander, Man., and Percy Brockington, Melita, Man. Searle Farms showed grand champion bull and Richardson the grand champion female.

Two new Manitoba breeders, John artanson of Minnedosa and R. J. cClement of Hayfield scored a number of well-earned wins in the hereford ring while strong competition was provided by the herds of J. J. Rankin and C. J. Rankin of Killarney, Richardson Stock Farms, I. Moffatt, Carroll and R. M. Casan, Brandon.

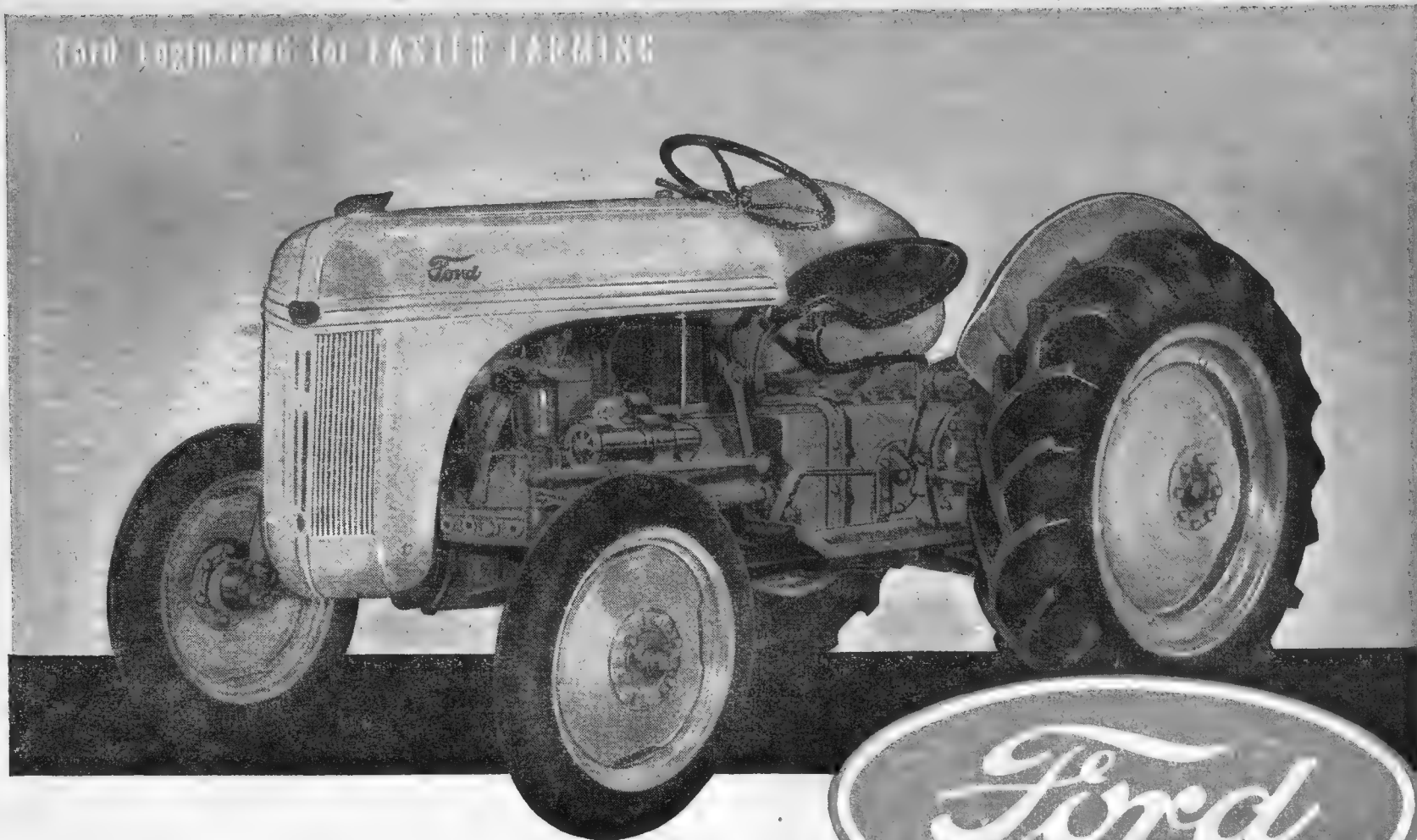
Seven good Holstein herds divided the awards, most of the top ribbons going to Rockwood Holsteins of St. Norbert. Alex Johnson, Kelloe, Man. gave the winner a close run in several of the classes. Henry Thompson & Son, Fairlight, Sask. scored heavily in the Jersey division of the show.

The light horse show brought out a total of 95 entries, regarded as an exceptionally fine showing for a summer event.

In number and quality of entries the swine show was declared one of the best ever held in Western Canada. Both single classes and groups were well filled and closely contested. Champion Yorkshire boar was shown by Alex McPhail, Brandon, who also had the champion female. Other prominent winners were H. B. McManes of Alexander, H. B. Cowing, Oak Lake, C. T. Oliver, Portage La Prairie and John Strachan of Carman. Sheep entries were down slightly from last year, but Suffolk and Shropshire breeders in the province were well represented.

Angus breeders of the British Isles are boasting of the accomplishment of a richly bred Aberdeen-Angus cow, Janessa of Dalmeny. Bred and owned by the Earl of Rosebery, Dalmeny, she has established a breeding record which will be hard to beat. Not yet seven years old, she has produced 10 calves up to the end of December last. These included four sets of twins and two singles. Her stock is in high demand and her sons have sired at least two record price bulls at Perth.





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A new transmission adds a fourth forward speed that makes road travel and light field work go much faster. Fully energized brakes provide sharper turning, quicker stopping. Grease seals are improved, and working parts are easier to get at.

The widely known advantages of former Ford Tractors have been retained, and many further perfected. With Ford-improved Hydraulic Touch Control you raise and lower implements without effort, and get constant depth control. Traction increases *automatically* with implement pull.

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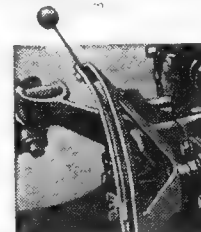
**NEW** swingback seat and long, wide step plates, permitting driver to stand up comfortably.

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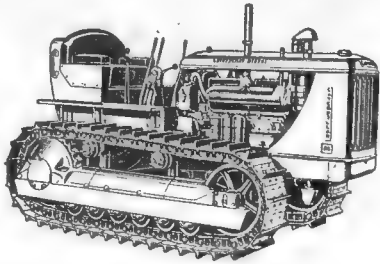
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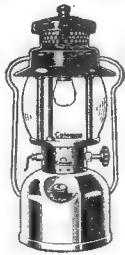
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## Edmonton Exhibition

(Continued from page 9)

came Atkinson Bros., Sweet and Antoine Greniere of St. Albert.

### Dairy Breeds Strong

J. A. Hay of Essondale, B.C., faced ten herds of Holsteins in the ring, all but one of which came from Alberta. Rockwood Holsteins of St. Norbert, Man., had grand champion bull and cow, winning eight medallions, five firsts on groups. Pickard & Clark, Acme, showed second aged bull which was reserve senior and reserve grand, also showed a junior yearling heifer that was reserve junior champion. B. E. Hosford of S. Edmonton showed firsts in senior yearling bull and bull calf, latter winning the junior reserve. R. C. Briggs, South Edmonton, had first three-year-old heifer and first senior yearling heifer. J. W. Hosford and Orville J. Daily of the same district also did well, along with Stannard & Son. Others in the money were J. R. Ebberts of North Edmonton, H. H. Hood, Edmonton, and H. L. Aherns, Red Deer.

Richards Bros. of Red Deer captured both grand championships on Ayrshire cattle, placed by Fred Thompson of Fairlight, Sask., who stood his own winners at Calgary aside in the barn, to officiate in the judging ring. A. C. Anderson of Calgary showed a yearling bull that was reserve junior champion, aged bull, second in its class, that was reserve senior and reserve grand.

In Jerseys, Brandon and Vancouver herds presented excellent types of the breed, Quilchena Farms of B.C. taking the grand championship on bulls, reserve grand on females, Brandon Creamery, the two opposite honors. The B.C. herd had also two firsts on singles, three on groups, and the Manitoba herd reserve senior cow and two firsts on groups. C. D. & D. J. Enman of Wetaskiwin showed a two-year-old bull that was reserve senior and among other prizes seven seconds. Charles Dixon, St. Albert Trail, had firsts on senior yearling bull and heifer, winning junior reserve on latter. Among other winners were J. J. Prentice of San Bernardino, Calif., who showed reserve junior champion bull, and W. J. Pickard of Wetaskiwin.

### Sheep and Swine

Purebred sheep were judged by N. J. Shopland of Rochester. Keenest competition was in Hampshires in which P. J. Rock & Son of Drumheller showed champion and reserve ram, reserve ewe and first flock; C. W. Fowler of Airdrie, champion ewe and first pen. E. B. Williamson, South Edmonton, was the sole exhibitor in Oxfords.

Victor Watson of Airdrie showed first pen, champion and reserve ram in Suffolks. Stanley Rock showed the champion ewe; P. J. Rock & Son first flock and reserve ewe. In Southdowns Fowler won both reserves and firsts on pen and flock; Rock Bros. had both champions. F. R. Haythorne of South Edmonton had best pen of market lambs, judged alive and as carcasses.

As many as 20 in a class came before Alex McPhail of Brandon who judged the purebred swine. In Yorksires S. W. Sheppard of Edmonton showed the senior and grand champion, Lord Rodney, Fort Saskatchewan, reserve grand boar. John Strachan of Carman, Man., had reserve junior boar. W. H. Ferguson of Calgary won first on boar under one year. On York sows D. M. Webster of Airdrie won reserve junior, senior and grand championship; he had shown junior champion boar. Lord Rodney showed the junior champion sow. Strachan had reserve senior and reserve grand champion sow. H. F. Rowe of Duffield had first junior herd while tops on other groups were Rodney, Strachan and Webster. Also up

in the prizes were C. W. Lang of Okotoks and R. J. Ferguson of North Edmonton.

In Tamworths, Lang had senior and grand champion boar, also junior and reserve grand, reserve going to the provincial farm at Oliver. Sheppard exhibited the senior and grand champion sow, Lang the reserve junior junior champion and reserve grand. The Oliver herd had the reserve senior sow.

Prize for pen of pigs from advanced registry stock was won by R. J. Ferguson, second Lord Rodney. Special for bacon type litter of eight or more with registered dam; first Sheppard; second, Peter Taylor, Edmonton.

Junior awards for best gilt shown by boy or girl, Tommy Taylor, Gordon Sheppard and Audrey Ferguson; best three bacon hogs, Tommy Taylor, Audrey Ferguson and Sylvia Rodney.

### Good Horse Classes

Heavy horses made a good showing. There were 76 head shown on halter in the grand parade, a competition among exhibitors with up to a dozen draft animals in a string. E. Arnold of Shoal Lake, judge of Clydesdales, and George Fraser of Tate, judge of Belgians and Percherons, acted jointly on the draft horse class judging.

Top awards on grand display went to Claude Gallinger with Clydesdales and Belgians from his Tofield and Clover Bar farms, Lawrence and Elmer Rye of North Edmonton with Clydes, and third to H. E. Salter of Calgary with Percherons. Dunham Bros. of Fairlight, Sask., won the six-horse team event judged before the racing crowd in front of the grandstand, with the Rye entry next, followed by Burns & Son of Pickardville. Dunham, Burns and C. W. Clark of Prince, Sask., topped the big class of four-horse teams.

Before the stands of the draft horse judging ring, Clark won first two places on teams of purebred Percheron dry mares in harness, while J. W. Cruickshank of Maidstone, Sask., topped a similar class of Clydesdales. With grade teams Burns and Dunham won leading prizes on heavies, Gallinger and Rye in medium weight class, Dunham and Wm. Fleming of Red Deer on the agricultural class in harness.

In agricultural singles, Fleming's "Fanny" was champion grade mare, and Burns' "Sandy" grand champion gelding with Dunham's "Pride" reserve champion grade gelding.

Cruickshank's Warden Headlight was junior and grand champion Clydesdale stallion; Burns' yearling reserve grand. The mare, Craigie's Choice, shown by Wm. MacDonald of Edmonton, was senior and grand champion while Gallinger's Cinderella was senior and reserve grand female. Cruickshank topped with get-of-sire and group of Clydesdale females Dunham, entries in progeny group.

In Percherons, Hardy Salter's stallion, Starlight Clelaet, was junior and grand champion, reserve going to the entry of Justamere Stock Farm, Lloydminster. The Salter mare, Starlight Koncarness, was grand champion, a filly shown by C. J. Hanson of Brightview the reserve grand. Salter also won red ribbons on all three groups and the Percheron association grand championship silk banners.

M. E. Latam of Bremner showed Reg de Ergot, senior and grand champion Belgian stallion, and Peggy Farcour, senior and grand champion female. Gallinger had reserve grand stallion on a yearling, and Salter reserve grand mare. Latam won seven other classes, while Gallinger won the Belgian cup for Alberta-bred stallion with Minto William, the junior champion.

There were no light horse breeding classes, these having been shown at the time of the spring saddle show.



## Guard Against Accidents In Busy Outdoor Season

FARMING is today one of the most hazardous of all occupations. Other industries are compelled by law to provide safety devices for the protection of their employees and care and compensation for anyone who is injured. Some industries conduct safety courses for the operators of various machines and penalize any employee failing to comply with safety requirements. They are constantly on the alert for causes of accidents in their plants and they attempt to remedy them. This is not the case on the farm.

The farmer is generally his own boss and employs few men, if any. As a rule, he does not carry compensation, hospital, or accident insurance. However, he is handling machinery that is as powerful as many industrial machines; he is handling this machinery in motion over rough ground in contrast to many industries that bolt their machines securely to a solid floor. Furthermore, the farmer uses his machines seasonally in contrast to the operator in an industry who uses his machinery daily, thus having an opportunity to become familiar with the sources of danger.

In order to speed up production, the farmer may permit the removal of safety devices from his machines or fail to replace them after repairs are made. He often attempts to relieve a clogged machine while it is still in motion.

He handles unruly livestock and he is out in all kinds of weather and frequently wears bundlesome clothes that hamper quick movement. He is in constant danger of gas gangrene and tetanus because his hands and clothes are in contact with fertilized soil and manure. An open wound may permit the entrance of these organisms into the body.

ALTHOUGH complete and accurate statistics are not available, a recent study of records at the Mayo clinic was undertaken to determine the most common kinds of farm accidents. Falls led all others. The most common type of fall was from some piece of farm equipment, falls from haymows, buildings, stairs, horses, on ice, ladders, scaffolds, and trees. The most common injury resulting from falls was fracture of one or more bones. Landing on a pitchfork caused serious internal damage in several cases.

Farm machinery followed falls as a cause of accidents. The tractor caused the largest single group of accidents and was followed closely by the corn picker, the corn shredder and the buzz saw. Other accidents occurred from threshing machines, grain elevators, feed mills, combines, corn binders, gas engines, mowers, ropes and pulleys, and grain binders. Fractures, mangled hands and feet, and torn skin are the most common types of injury from machinery.

The third most frequent cause of farm accidents is livestock. Although bulls are usually considered the most dangerous animals on the farm, horses account for the most accidents. There are several reasons for this. Horses are more numerous than bulls and the farmers handle them more frequently. Also when handling a bull, the farmer usually treats him with respect, but becomes careless in handling a horse. Fractures are the

main injury from livestock. Run-away horses, bulls and steers, cows, pigs and sheep also have caused accidents.

Miscellaneous accidents are caused by fire, axes and falling trees. Burns which result from the ill-advised use of kerosene or gasoline in the starting of fires, or burns from the explosion of a stove or bottled gas are the most common injuries.

### BIGGEST INCOME FROM LIVESTOCK

A survey of the figures recently issued by the Dominion Bureau of Statistics on the total cash income received by farmers in Canada for their farm operations in 1946, reveals that nearly 50% of the total of \$1,742,341,000, was derived from the livestock and dairying branches of the industry.

Income from the livestock end of farming totalled \$574 millions, or 33% of the total, while dairying provided a total of \$285.6 millions, or 16% of the total, making a combined total for the two branches of the industry of 49%.

### CO-OPS PURCHASE EAST COULEE MINE

The Maple Leaf Collieries coal mine near East Coulee in the Drumheller valley has been jointly purchased by the Acadia U.F.A. Co-operative and the U.F.A. Central Co-operative, and will in time supply the coal needs of the co-operatives in Alberta, it was reported at a meeting of the former company in Youngstown late in July.

### Wit of the World

"Dear Doctor: My pet billy-goat is seriously ill from eating a complete leather-bound set of Shakespeare. What do you prescribe?"

Answer: "Am sending Literary Digest by return mail."

"You brute; you deceived me. Before we were married you told me you were well off."

"I was and didn't know it."

"Would you give ten cents to help the Old Ladies' Home?"

"What? Are they out again?"

Mother: "Why did Johnny get such a bad mark in history?"

Teacher: "He didn't know when Caesar died."

Mother: "How should he know? We live on a side street and never see any funerals go by."

Wife: "Darling, aren't those chimes beautiful? Such harmony! Such a lovely tone!"

Husband: "You'll have to talk louder, honey. Those damn bells are making such a racket I can't hear a word."

"Teacher, remember that problem you gave us for home work — the one that asks, 'If one man can build a house in 12 days, and 12 men can build it in a day, how many men can build it in an hour?'"

"Yes, Johnny."

"Well, may dad says it's not a sound question: he says the unions would never allow it."



To Help grow  
**LARGER CROPS**

Canada needs all you can produce, and the BofM is ready to lend you the money to build up dairy herds, buy seed, fertilizers, implements and for a score of other purposes. See your nearest BofM manager today. Ask or write for folder "Quiz for a Go-ahead Farmer."



AD53

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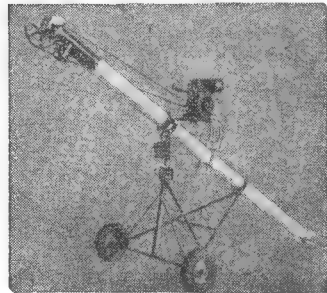
## LOADS UP TO 1000 BUSHELS PER HOUR

### Westgo Silver Streak Grain Loader

Is the Ideal Elevator for General Farm Use. Speediest, Strongest, Lightest, Most Versatile and Easily Adjustable to Widest Range of Farm Uses.

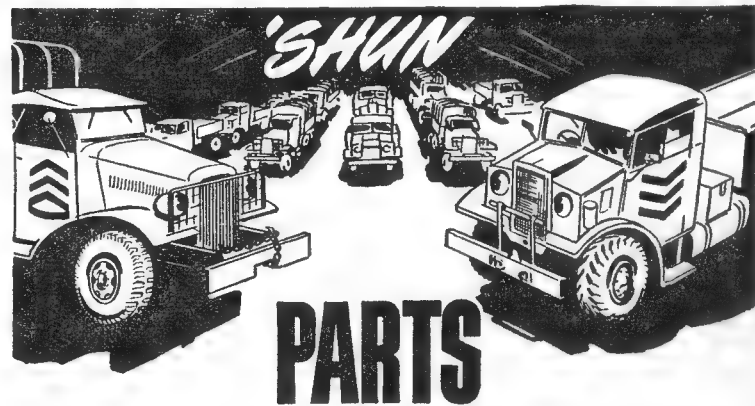
ONLY Silver Streak has these patented or special features:

- one-piece spiral, seamless tube, giving maximum strength, rigidity and freedom of movement on inside surface.
- aluminum hood with level gears running in grease.
- auger has one-piece Helicoid screw and flange ensuring continuous scooping action and grain pick-up without clogging.
- widest range of flexibility: engine mounting can be moved to any point of tube.
- swivel assembly can be easily and quickly moved to any position of intake or delivery.
- no hopper is necessary provided intake can reach grain
- swivel mounting can be anchored to truck and tube lashed to other end for easy transport and immediate use.



**STANDARD EQUIPMENT**—Swivel Assembly Engine mounting bracket and adjustable engine mounting sleeve (Hopper, tripod and Trailer Hoist are extra).  
**SIZES**—14, 16 and 18 ft. lengths.  
**POWER**—we recommend 1½ to 2½ h.p. air-cooled gas engines or ½, ¾ or 1 h.p. electric motors. (We have for sale a limited quantity of these units).  
**SPEED**—drive shaft should travel 450 to 500 r.p.m.

**NANCE COMPANY LTD., RED DEER, ALTA.**



### FOR U.S. AND CANADIAN ARMY TRUCKS

Don't worry about "hard to get" parts for your army trucks. Levy's have a complete stock of all parts for Canadian and U.S. army trucks. Write or telephone for complete circular on each of the models listed below:

#### CANADIAN ARMY

All Canadian Army Models including 8 cwt., 15 cwt., 30 cwt., 60 cwt., F.A.T., etc. Both Ford and Chevrolet.

#### U.S. ARMY

International H542-C11 (K11)-4 x 2 International M5H6 (K8)-6 x 6. Studebaker, Reo, G.M.C. 6 x 6 and 6 x 4. Parts for all other models available on short notice.

As future supplies of these parts are uncertain, we suggest you plan your requirements in advance and order immediately.

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## TIRES

We are now overstocked in good used. Trade-in Tires with high treads—all guaranteed to be in excellent shape. Special price:

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All orders shipped C.O.D. from Ontario's most moderately equipped tire shop. Also full line of retreads. Dealers wanted

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HAMILTON, ONTARIO

**MIRRORS RESILVERED**  
**THE BENNETT GLASS CO. LTD.**  
M 1778 — 228 - 7th Ave. East, Calgary

### GATHER EGGS OFTEN

When hens are allowed in muddy yards, and when the nests and pens are not kept clean, a high percentage of soiled eggs is sure to follow. These spoil rapidly, owing to the moulds and bacteria carried in the dirt. A similar condition results from breakages in the nests, and for this reason it is best to collect the eggs frequently especially during the morning when most of the hens do their laying.

### STOP the ITCH of Insect Bites—Heat Rash

For quick relief from itching of insect bites, heat rash, athlete's foot, eczema and other externally caused skin troubles, use fast-acting, cooling, antiseptic, liquid D. D. D. Prescription. Greaseless, stainless. Soothes irritation and quickly stops intense itching. 35c trial bottle proves it, or money back. Ask your druggist today for D. D. D. PRESCRIPTION.

## Veteran Rangemen Meet Again

OLDTIME rangemen of the days before fences, men who pioneered the cattle country, gathered again in Calgary during Stampede week at their 16th annual dinner at which they are guests each year of the Canadian Pacific Railway. Vice-president William Manson presided at the colorful event, and Guy Weadick, first manager and organizer of the Stampede, introduced a number of the veteran guests whose names and experiences are woven into the traditions of the old West.

Speaker of the evening was Dean J. W. Grant MacEwan of the University of Manitoba who paid glowing tribute to the cattlemen who have

built a great industry since the first cattle were brought into the West by Fred Kanouse in 1876. He traced several notable beef cattle drives and declared that the buffalo herds of the early days have now been replaced by the best beef cattle in the world.

"These pioneers started the cattle industry and the development of the West," he said, "and we have to carry on the job. There is much to be done but give us peace, give us good markets and most important of all, give us the goodwill which characterized the pioneers and we will get the work done."

\* \* \*

Another enjoyable event of exhibition week was a dinner arranged by the executive of the Alberta Aberdeen Angus Breeders' Association at which outside exhibitors were guests. R. V. McCullough presided and a number of speakers welcomed the visitors.

\* \* \*

A TOTAL of \$18,000 was realized for the 120 calves sold at the district calf club show and sale held at Carstairs. Clubs represented were Avondale, Carstairs, West Didsbury, Olds, Eagle Hill and Madden.

Grand Champion of the show was a Hereford exhibited by Michael Boyce, of Olds, which sold for 55 cents a pound, a total of \$512. Billy Francis of Carstairs showed the reserve champion, also a Hereford. First prizes in their groups were won by Annette Hepper, Donald Robertson, Ray Howe, Billy Francis, Michael Boyce and Gordon Johnson. Donald Robertson was adjudged the champion showman.

### \$100,000,000 for Irrigation

(Continued from page 3)

mous. Its headquarters will be in Regina.

The purposes of the association as set forth in the constitution follow:

It will promote the development, control, conservation, preservation, utilization of the water resources of Western Canada; promote by educational and other proper means the reclamation of dry areas by irrigation development, the preservation of forests at the source of water supplies, the conservation and control of water resources, the promotion of hydro electric development as the need arises, flood prevention and soil conservation, the continuance and expansion of government agencies to assure the compilation of all necessary information applicable to the above purposes.

It also aims to work for the continuation of the services and co-ordination of the activities of the presently existing federal and provincial agencies dealing with these water resources; also to co-operate with and assist such agencies in securing authorization and construction of such projects meeting with the approval of the localities affected; to assist the western provinces and water users thereof in the economical development and operation of water improvements and the integration of their activities with the existing government agencies; also to preserve the rights and interests of Western Canada in its water resources; to promote the adoption of legislation in furtherance thereof; to oppose legislation detrimental to these purposes, and to seek in every way possible to bring about co-operation between the Dominion and provincial governments in keeping with these purposes and make such representations to these governments as may appear desirable.



My boy, I would advise you to deliver your grain to Alberta Pool elevators and to stay with the Pool. It has been a big help to us Alberta farmers; it is our business and it is up to us to make it successful.

I believe in co-operation and I think we farmers should stand shoulder to shoulder to show the world that we can operate our business in the way we want it done.

Our Alberta Wheat Pool operates for the people on the land and not for the investor or speculator. It has cut to the bone the cost of grain handling. It has corrected abuses and is providing a fine trustworthy service.

The Pool put a patronage dividend policy into effect, compelling other grain companies to do likewise. They never would have done so but for the Pool.

Original Pool members put up over \$8 millions in cash to build the Alberta Wheat Pool. You can increase your ownership in the Pool merely by delivering your grain. You will get patronage dividends in cash and reserves. Ownership lies in the reserves.

The aim is to keep Alberta Pool Elevators in the hands of operating farmers. Stay with the Pool and you will always be glad you did so.

# Alberta Pool Elevators

FARMER-OWNED CO-OPERATIVE



# Farm and Ranch Housewife

DEVOTED TO THE INTERESTS OF THE RURAL WOMEN OF WESTERN CANADA

## Select and Treat Cutlery With Care

EVERY housewife is interested in anything that will make housework easier, and cut down time spent in the kitchen. According to a cutlery expert, using the proper size and kind of knife can save a lot of time and work in the kitchen.

A high-carbon steel knife is the best buy, he says, for it is extremely hard, and a hollow-ground blade has the best cutting edge.

Carving sets, bread knives, and chopping knives are nice to have, but not necessary, says the expert, who states that five knives are enough. These are: two paring knives, one with a point, and one with a spear blade; a larger knife, for cutting vegetables such as cabbage; a steak knife; and a long finely ground slicing knife.

Wooden handles are preferable to bone, for bone tends to chip.

Care for your knives properly by providing cutlery racks to prevent the nicked blades and bent points that sometimes develop if knives are jumbled in drawers.

Wash knives promptly after use in hot, soapy water, and dry thoroughly. Do not let cutlery remain in water, as moisture may loosen the handles.

It's a good idea to keep a pan of hot soapsuds in the sink for quickly

washing knives and other utensils as you use them in preparing a meal.

This plan makes dishwashing easier at the end of a meal, and saves clutter in the kitchen.

□ □ □

## Correct Posture Reduces Backache

HERE'S a list of back-savers to cut out and tack up as reminders.

1. When you bend, bend at the knees and shift strain to the leg muscles. Legs are better able to take it than your back.

2. Want to lift an object? Don't, if it weighs more than 25 per cent of your weight. If it's less, the back-saving trick is to stand near the object with feet spaced twelve inches apart. Lowering hands in a position for hoisting, pull the object up by straightening your knees as you come up to an erect position.

3. Something to carry? Carrying it on one shoulder will lessen effort and ease strain.

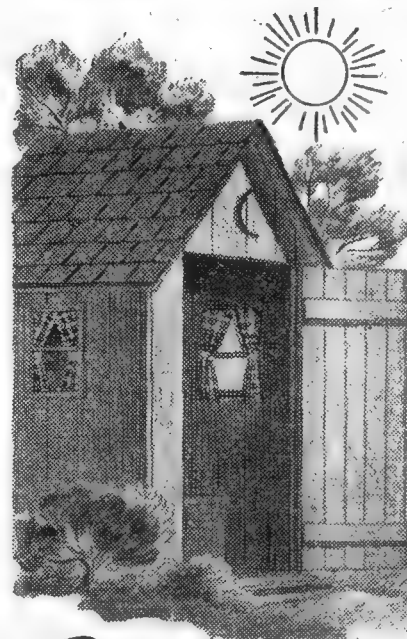
4. Standing up to a job? Space feet five inches apart, straighten toes, and plant weight on the outside of your feet.

□ □ □

Try seasoning boiled potatoes with bay leaves. Add cinnamon to stewed prunes. And celery seed is a natural in cole slaw.



# Half a tin...once a week ...keeps your outhouse clean and sanitary!



● Let Gillett's take over the outhouse cleaning for you. Half a tin...once a week...destroys contents and odor completely.

For all messy jobs...call on Gillett's! It's tops for cleaning the barn, scouring dairy equipment. 1 tin makes 10 gallons of deodorizing solution\*. Indoors it clears drains, cuts through grease and grime. Even makes grand household soap for less than 1¢ a bar. Get Gillett's today!

\*Never dissolve lye in hot water. The action of lye itself heats water.

## Free Booklet!

Time-saving tips on how to make soap, care for dairy equipment, clear clogged drains...how to save yourself all kinds of messy work with Gillett's. Write to Standard Brands Ltd., Fraser Ave., Toronto, Ont., for free copy.



"QUEEN OF THE STAMPEDE"

Miss Doreen Richardson, attractive 19-year-old Calgary schoolgirl, was named Queen of the Calgary Stampede at a colorful ceremony to open the big western week. Her lady-in-waiting, who was runner-up in the contest for the honor, was Miss Eva Brewster of Macleod, and she was also attended by three visiting "Queens" from the Pendleton, Oregon, rodeo.



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HE WONDERS  
WHY YOU'RE  
TIRED—  
mention  
a MAYTAG**

A Full MAYTAG  
SALES and SERVICE DEPOT.  
MAYTAG WASHERS and  
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## Aunt Sal Suggests ~

*Though August skies are  
clear and blue,  
All housewives still find work  
to do;  
Here are handy hints to help  
you all,  
Right through the summer  
into fall.*

If you were lucky enough to spend any time at a hotel this summer, weren't you struck anew with the clean, cool uncluttered look that hotels always seem to wear?

Maybe it isn't exactly 'homelike' but a dash of it in most homes would improve them 66%. Let's analyze it and see how it's brought about. Isn't it greatly managed by soft colors and absence of unnecessary knick-knacks?

If you haven't done so this summer there will likely be two months yet of really hot days, so make a clearance of all unnecessary gee-gaws that are responsible for that cluttered look in the house.

I think you'll find that (during the summer at least), if you rid your living room of one half of the pictures and two thirds of the trinkets you'll have a place where the family can gather without tripping their way between the footstools.

No color seems as cool as white.

Haven't you ever thought of making partial or entire furniture coverings of white for the living room? Of course they'll show the dirt but they'll also wash easily too.

One set of slip covers we saw recently was made from an old white honeycomb bedspread. Very smart and very cool.

But after all, unbleached cotton (flour sacks to you!) can be enlisted into this service too. They, like the old fashioned mother can never be entirely overworked.

□ □ □

Seems to me we told you last summer that molasses was a reliable grass stain remover. You likely doubted our word then and you will now too. (You don't have to believe me.)

□ □ □

Haven't you heard the expression, 'It isn't the spinach I dislike, it's the sand in it.' Everyone echoes "amen" to that. Seems that spinach can never be washed too much, but it can be so easily over-cooked. Take care of that if you feel you just must serve it every so often.

□ □ □

And while on the subject of washing spinach (and other vegetables too) I saw a cute rig the other day . . . simply a pair of strainers same size. You tossed the leafy food from one strainer to another. A jolly kitchen sink game that brought good results.

□ □ □

My mother used to tell us of when she and her brothers and sisters came in ravenous from the hay fields and found a mountainous platter of small new potatoes, peas and string beans all cooked together. Now there is a dish that would convert most any meat-eating human to a vegetable diet. Don't over cook them and don't drown them in milk. Just a covering of cream or rich milk and butter. And if you top the meal off with fresh rolls and currant jelly and beakers of cold milk . . . well . . . you'll have to spend about two hours lying in the shade afterwards.

Bye bye for now . . . and every good wish.

□ □ □

### Spilt Milk

IF the table cloths, towels, and clothes on which milk has been spilled are rinsed in clear, cold water before they are washed, there needn't be any tears. It's the calcium and protein in milk which cause difficulties in washing dishes and glasses that have held milk and in laundering milk-spotted fabrics.

Calcium forms an insoluble curd with the soap in the dish water, and the protein hardens or coagulates when it comes in contact with the heat of the water in the dishpan or laundry tub. Home economists suggest that if milky dishes and fabrics are rinsed in cold water before coming in contact with warm, soapy water much of the calcium and protein will be carried away so that washing may be done satisfactorily.

□ □ □

### Summer Ironing Tip

IF you have trouble ironing sheer blouses in warm weather because they dry out quickly, try this: Iron those blouses over a cloth wrung out of warm water. This method prevents wrinkles from being pressed in when the cloth is placed over the blouse.

## FAMILY HISTORY

*This is the tale of my Grandma—  
A lady of pleasant renown,  
Who did all her chores, both in and  
out-doors,  
In a calico floor-length gown.  
She carried her water in from the  
creek,  
And she packed in the wood that  
she burned,  
And her home-made bread was always  
spread  
With the butter she thriftily  
churned.*

*Grandma was terribly thorough—  
She swept and she dusted and  
scrubbed.  
In a kitchen bright every Saturday  
night  
Her soiled little cherubs she tubbed,  
Then tucked them away where no  
tattle-tale grey  
Had ever been known to exist.  
Then she cleaned up the mess and  
proceeded, I guess,  
To the next thing that came on her  
list.*

*Grandma had nothing electric—  
Her lumps were to fill and to trim.  
Her laundry routine, if you know  
what I mean,  
Was quite undilutedly grim.  
And not only mending but making of  
clothes  
Was a thing Grandma took in her  
stride,  
While many a quilt from odd pieces  
she built,  
And her rugs were the family's  
pride.*

*Though Grandma did oodles of cook-  
ing  
Her pantry was very austere.  
The crispie and puff and such frivol-  
ous stuff  
Had not yet provided their cheer.  
The sugar and tea, and the flour,  
seemed to be  
The main things her grocer sup-  
plied.*

*On Grandma's full pens, and her own  
busy hens,  
And the garden, she largely relied.*

*Grandma — and this may surprise  
you! —*

*Had visitors calling galore.  
At a social to-do there was not a  
soul who*

*Enjoyed herself longer or more.  
When a book came along Grandma  
went for it strong,  
And she liked scraps of news of all  
brands,*

*Till at ninety-odd years, with no fuss  
and no fears,  
She folded her worn old hands.*

*I don't know just how Grandma did  
it—*

*I've pondered the question a lot!—  
For now you and I with our gadget  
supply*

*Have scarcely the time for a  
thought.*

*The things that we own—take, for  
instance, the phone!—*

*Seem to clutter our lives up no end,  
And the Joneses, of course, are of  
worry a source*

*With their urging to get and to  
spend.*

*I wouldn't like living like Grandma—  
Too hard on the back and the feet!—  
But somewhere 'way back we've gone  
off of the track*

*And our purposes served to defeat.  
In a home all stream-lined it is plain  
we don't find*

*The answer to all our desires,  
And Grandma was rich in some  
quality which*

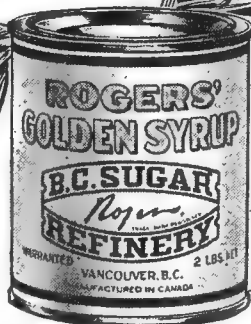
*A life full of living requires.*

ISA GRINDLAY JACKSON.

**"SALADA"**  
**TEA BAGS**  
*So handy*



Children, as well as active grown-ups of all ages, need the sustaining, satisfying food value of Rogers' Golden Syrup. It replenishes muscular energy in a matter of minutes. It is delicious-tasting, wholesome and pure. Grocers have supplies now.



**THE B.C. SUGAR REFINING CO. LTD.**



★ ★ ★

# Country Diary

★ ★ ★

JULY slips into August so smoothly and silently as to make the change from the active growth of summer to mature fulfilment almost un-noticed. Yet there is a distinct difference in the days — noons are breathlessly warm, afternoons still and hazy. Wheatfields are ashimmer with gold and the horizon a smoky blue. In the evenings there may be a suspicion of un-wanted rain in the trees, and the grasshoppers hold a choir practice as the finale to the day's chanting. One of the tribe starts his canticle at 6 a.m., his thin vibrating song getting tantalizing as the day wears on. August is the month when insects are at their best — that is, their loudest.

The sun can be very powerful in August; these days of intense heat often bring up the dreaded hailstorms. We used to call them the "dog-days", because it was believed that dogs went mad in the heat, and I remember the dishes of cold water placed in doorways of stores and public buildings for unhappy, thirsty creatures. It was no doubt a form of sunstroke, and it would seem as if Noel Coward belonged to the same school, according to his well-known verse: "Mad dogs and Englishmen go out in the noon-day sun."

One nice thing about hot August days is that they cool quickly and leave just enough blandness in the air to make perfect evenings when twilight flows soft and dreamy over the sweet-smelling grain fields. There is a tranquility about August — it is the month between strenuous operations. "Summer's lease hath all too short a space." Yes, summer is aging — the tall wheat stands waiting for the juggernauts to start their work. We eat our own good nourishing bread, not thinking that we are also eating months of sunlight, weeks of rain and snow from the sky, and richness out of the earth. All becomes part of us and gives us strength — clouds, rain, snow and the rich, good earth.

A medieval day of remembrance, St. Bartholemew's Day, falls on August 24th. Though it means nothing to us, it stood for a great deal to our rural forefathers. A very important fair was held on this day, for our ancestors in their wisdom linked these innocent pastimes with the religious festivals of the church. The great specialty at St. Bartholemew's Fair was gilt gingerbread. I suppose a mixture of beaten egg-yolk and some form of sweetening was spread over the cake, a luxury touch. And hence the expression: "the gilt is off the gingerbread." It was at this famous fair that the first Punch and Judy show appeared, and for centuries afterwards it was the joy of children, and an illustrious British institution in which grown-up children also delighted.

In no month can life in the country be dull. Every day is new — plenty of hard work it is true, but there is satisfaction in that. We don't do anything world-shaking in this distant bit of prairie, far from where momentous conferences are held to study and solve the problems of mankind; but it is good for us to know that it was not the arbiters and rulers who transformed these wide grassy plains into the breadbasket of starving nations.

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Grease on wallpaper generally can be removed by applying a paste of cornstarch to the discolored spot, allowing it to dry and then brushing it off.

## The DISHPAN PHILOSOPHER

This canning job I don't much like — I wonder could I go on strike? And would I if I could? Well, no! Hot days like these it seems as though I just can't stand to scald and fill another sealer, but the will to get a useful job well done sure keeps me going on the run. And certainly it's nice to know that shining sealers, row on row, are lining up in great array against the coming winter's day. They say stuff factories put out is just as good. But me, I doubt you'd find a thing on grocer's shelves as good as what we make ourselves.

Old-fashioned? Yes, that's me, I guess! And hot and bothered I confess! A raft of canned goods from the store is what my poor tired feet implore. I am though — here's the point that sticks! — too old a dog to learn new tricks.

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## WRONG IS RIGHT

To iron some garments on the wrong side, through wrong side is really to iron them a pressing cloth. white and on the right side! Clothing made of light-colored cottons, on the other dark-colored cotton, linen, rayon, or hand, are ironed on the right side, crepe should always be ironed on the while heavy fabrics such as damask wrong side. Wool also should be look best when pressed on both sides.

## CAN ALL YOU CAN

ACCORDING to Canada's Food rules, fruits and vegetables are essential items of family meals. They form one of the key stones around which the menu should be built. They should frequently be served raw. During the summer months this can readily be done, but what about that longer period of the year when most fresh fruits and vegetables are not available except at imported prices?

This problem was first solved away back in the 18th century, by Nicholas Appert when canning was used as a means of preserving summer's surplus. Since his time canning methods have been simplified and perfected after much experimental work, until today thousands of Canadian homemakers are successfully conserving summer's plenty to bring delight and delicious variety to winter menus.

Canning methods, like everything else, have changed greatly during the past decade or so. They are no longer haphazard. When each step is followed with care there should be no worry about the keeping quality of the canned product. Success is assured. For up-to-the-minute canning information, the home economists of the Consumer Section, Dominion Department of Agriculture, recommend their new, revised bulletin, "Home Canning of Fruits and Vegetables."

In this booklet you will find the essential steps of canning outlined in a clear, concise and easy-to-follow manner. It gives detailed information on such topics as the equipment used in canning, the preparation of containers, the selection and preparation of the product to be canned, packing the product, along with the processing, cooling and storing of the canned product. It also contains a Question and Answer section, where the reason for many failures may be found. Information on the making of jam, jelly and pickles has also been included together with a number of tested recipes.

To both the experienced and inexperienced homemaker, the new revised bulletin, "Home Canning of Fruits and Vegetables", will prove a reliable source of useful information on how to successfully conserve summer's harvest for winter menus. You may obtain your copy by writing to the Dominion Department of Agriculture, Ottawa.

### Strawberry Jam

4 quart boxes strawberries  
or 8 cups crushed strawberries  
6 cups sugar

Wash, hull, crush and measure strawberries. Bring to boiling point and precook uncovered, for 15 mins. Add sugar, bring to boil and boil, uncovered, until jam stage is reached—about 12-15 minutes. Yield: 6½ cups.

### To Can Asparagus

Wash, break off tough ends of stalks. Remove scales if necessary. Cut in lengths to fit containers. Tie in uniform bundles and stand upright in 2 inches of boiling water. Cover, bring to boil and boil 3 minutes. Pack hot; all tips up, except 3 with tips down in centre. Add 1 teaspoon salt per quart. Cover with boiling water, leaving headspace. Time to allow if processed in:

#### BOILING WATER BATH—

Pints and 20-oz. cans—2 hours.

Quarts and 28-oz. cans—2 hours.

#### PRESSURE COOKER (10 lbs.) —

Pints and 20-oz. cans—30 minutes.

Quarts and 28-oz. cans—35 minutes.

### Rhubarb Chutney

2 lbs. rhubarb (7 cups)

1 large onion

Few grains cayenne pepper

¼ teaspoon salt

1 teaspoon ground ginger

1 teaspoon cinnamon

¼ teaspoon cloves

¼ teaspoon allspice

1 teaspoon whole pickling spices (tied in cheesecloth bag)

1 cup vinegar

1¼ cups sugar

Wash and cut rhubarb into ½-inch pieces. Peel, slice and cook the onion in a small quantity of water for 20 mins. in a covered pan. Add rhubarb, seasonings and ½ the vinegar. Cook until rhubarb is tender. Add sugar and remaining vinegar. Continue boiling over low heat, uncovered, until the chutney is of the consistency of jam—about 45 minutes. Yield: 2 pints.

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### COLOR TESTS

TO test material for color fastness, fasten a scrap of the test fabric along with the colored trimming to be used, such as rick-rack or tape, to a piece of white cloth. Then carefully wash and iron the material. If the white cloth has picked up any color from the fabric or trimming, the fading will be the same when the garment is made.

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# SELECTED RECIPES

## SAUSAGE APPLE DRESSING

8 pork sausage, cut and fried  
3 cups toasted bread cubes  
¾ cup chopped raw apple  
½ tbsp. chopped onion  
¼ tsp. salt  
Allow 1 cup of dressing to 1 cup meat.

NOTE: Especially good if used for pork roast or chicken.

## EGG AND CARROT SALAD

6 hard cooked eggs, chopped  
6 small carrots, grated  
1 green onion, chopped  
Salt and pepper to taste  
Salad dressing or mayonnaise  
Slices of pickled beet

Arrange lettuce leaves for individual servings. Place chopped egg on lettuce. Mix the grated carrot with the chopped onion, salt and pepper. Pile lightly on the egg. Top with a generous spoonful of salad dressing. Garnish with slices of pickled beets. Six servings.

## SOUR CREAM COOKED SALAD DRESSING

1 cup sour cream  
2 eggs  
½ teaspoon salt  
¼ teaspoon dry mustard  
2 tablespoons sugar  
½ cup cider vinegar  
Few drops of Worcestershire sauce

Beat the eggs until very light, add the sour cream and the other ingredients. Cook in top of double boiler, stirring constantly until thickened, about 20 minutes. Yield: 1 cup.

## FRUIT FLOATING ISLAND

1 cup fresh or drained canned fruit, diced  
1½ cups milk  
3 egg yolks  
3 tablespoons sugar  
Dash of salt  
½ teaspoon vanilla

## MERINGUE:

3 egg whites  
3 tablespoons sugar  
Dash of salt

Arrange fruit in six individual serving dishes. Scald milk in double boiler. Beat egg yolks slightly, add sugar and salt. Add a little of the hot milk to the egg mixture, then combine with the remaining milk in double boiler. Cook, stirring constantly, until the custard coats the spoon, about 2 minutes. Remove from heat, add vanilla and pour mixture over fruit. Add salt to egg whites and beat until stiff but not dry. Gradually beat in the sugar. Half-fill a baking dish with boiling water. Float the meringue in six mounds on the hot water, cover closely and let stand at room temperature for 20 minutes. Or, bake in a moderately slow oven, 350° F., until slightly browned about 12 to 15 minutes. Lift meringues from water and place one on each custard. Six servings.

## COCOANUT CUP CAKES

1 2/3 cups sifted cake flour  
(2 dozen)  
1¾ teaspoons baking powder  
1/3 cup butter or other shortening  
1 cup sugar  
2 eggs, well beaten  
½ cup milk  
1 teaspoon lemon or vanilla extract

Sift flour once, measure, add baking powder and sift together three times. Cream butter thoroughly, add sugar gradually, and cream together until light and fluffy. Add eggs, then flour, alternately with milk, a small amount at a time, beating after each addition until smooth. Add flavoring. Turn into greased cup cake pans filling

them 2/3 full. Bake in moderate oven (375 degrees F.) 20 minutes, or until done. Cover with Coconut Seven-Minute frosting.

## COCOANUT SEVEN-MINUTE FROSTING

2 egg whites, unbeaten  
1½ cups sugar  
5 tablespoons water  
1½ teaspoons light corn syrup  
1 teaspoon vanilla  
1¾ cups moist, sweetened cocoanut

Combine egg whites, sugar water and corn syrup in top of double boiler, beating with rotary egg beater until thoroughly mixed. Place over rapidly boiling water, beat constantly with rotary egg beater, and cook seven minutes, or until frosting will stand in peaks. Remove from boiling water; add vanilla and beat until thick enough to spread. Spread on cakes, sprinkling with cocoanut while frosting is still soft. Makes enough frosting to cover about two dozen cup cakes.

## SOUR CREAM MUFFINS

1½ cups all-purpose flour  
1 teaspoon baking powder  
¼ teaspoon baking soda  
¼ teaspoon salt  
2 tablespoons sugar  
1 egg  
1 cup sour cream  
1 tablespoon melted butter

Sift dry ingredients together. Add beaten egg, sour cream and melted butter. Fill greased muffin tins 2/3 full and bake in a hot oven, 400° F. for 25 minutes. Yield: 10 medium-sized muffins.

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## Fried Chicken At Its Best

HERE'S how to fry chicken that will keep your family reaching for more

Remember, to insure good pan-fried chicken, use a young bird; cook in fat at a moderately low temperature, and cook chicken long enough to reach the fork-tender stage.

A young bird is one not over 5 months old. It may weigh from 1½ to 3½ pounds. It has a flexible-tipped breast bone, is tender-fleshed, has thin, waxy skin, and soft, smooth yellow feet.

Cut the chicken into serving pieces and wipe as dry as possible. Dip the piece in milk to make the flavor and color better. Place flour, seasoned with salt and pepper, in a paper bag. Put the chicken, one piece at a time, in the bag and shake to dust with flour. Seasoned crumbs and flour may be used in place of all flour in the proportion of 2 parts crumbs to one part flour. This makes a heavier coating.

Brown the pieces in a skillet containing hot fat about 1 inch deep. Use a mixture of lard and butter. Quick browning is desirable to give a good flavor. Put larger pieces of chicken in first to allow more time for cooking. Brown each piece, cover, and cook, at a moderately low temperature until tender.

If many chickens are to be fried, and space is limited, it is best to finish the fried chicken in a moderate oven (325° F.). As the pieces brown shift them to a pan with a rack, cover and let the cooking continue in the oven.

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Never put the ivory handles of knives or forks into hot water as it causes them to crack and discolor. Instead, hold the handles while washing the blades or prongs.

# Sweet Summertime treat



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### Jam Tarts

2 cups sifted all-purpose flour	1 egg
3 tsp. Magic Baking Powder	½ cup milk
1 tsp. salt	1 tbs. light corn syrup
4 tbs. shortening	Raspberry Jam
	Cinnamon sugar

Sift together flour, baking powder, salt. Cut in shortening with 2 knives or pastry blender. Beat egg; add milk and corn syrup; add to flour mixture, stirring only enough to make dough hold together. Knead on lightly floured board ½ minute. Roll out ¼" thick; cut with biscuit cutter. Place on greased baking sheet; make deep impression in centre of each with thumb, pressing firmly. Drop raspberry jam in each hollowed out centre. Brush biscuit dough with milk; sprinkle with cinnamon sugar. Bake in 425° F. oven, 12-15 minutes. Serve immediately.



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## Classified Advertising

(Continued from page 30)

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RUPTURED? New patented invention, lifts and holds like the human hand. Write for information. Hand-Lock Products, 146 King St. East, Kitchener, Ont.

TESTONES FOR MEN, OVERONES for women, special Hormones created and manufactured in the Laboratories of the British Glandular Products Ltd., of London, Eng. Confidentially, they are the finest regenerative medium for the disabilities of middle and old age. Unobtainable during the war, they are not a stimulant, but a quick restorer of youthful vigor and elasticity. Single bottles, \$3.50. Full course three bottle, \$10.00. Mail orders. Glandular Health Products, 506 Maclean Building, Calgary, Alberta.

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SENSATIONAL! 8 exposure roll up to size 116 developed with enlargement from each negative all for 29¢. Send roll or 8 negatives with this ad and 29¢ in coin today—one to a customer. Saskatchewan customers include 2% education tax. Photo Research Labs., Dept. E, Drawer 370, Regina, Sask.

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\$250.00 MONTHLY — Raising Angora rabbits. Write today for free instructions, prices, markets. White's Rabbitry, Dept. FR, Newark, Ohio.

### SENEGA ROOT WANTED

SENEGA ROOT—Highest prices always paid by J. H. Munro, 1363 Kingsway, Vancouver. Ship today.

### SONG WRITERS

POEMS WANTED for musical setting. Send Poems for immediate consideration. Hamann Service, 605 Manhattan Building, Milwaukee, Wisconsin.

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### TANNERS

TANNERS, Furriers, Fur Dressers — Furs stored and repaired, robe and leather Tanning, Taxidermy. The Briggs Tannery, Offices and Factory, Burnsland, Calgary, Alberta. Phone E 5430.

### THRESHING WANTED

WANTED—500 ACRES OR MORE threshing in Alberta. Have good threshing outfit. Apply Tom McLean, Scotsguard, Sask.

### TURKEYS

POULTS, BROAD-BREADED BRONZE, all eggs produced on our farm from carefully selected breeders. Government approved and pullorum tested. April, May, 70¢ each; June, 65¢; 10% deposit with order, 100% live delivery. L. A. Currie, Box 116, Cloverdale, B.C.

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WANTED TO BUY FOR CASH late model No. 21 Massey-Harris Self-Propelled Combines. Write or phone General Farm Supplies Ltd., Lethbridge, Alberta. Phone 4363.

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## CONTINUED DROUGHT

CROP prospects in some sections of the prairies showed a marked decline during the latter half of July as the prolonged dry spell continued, and immediate rains were urgently needed to prevent a serious drop in yield. In some localities in Northern and South-western Saskatchewan and South-eastern Alberta crops were reported damaged by the drought to a point beyond recovery.

yield of most crops was in prospect. Farmers employing men will adopt a uniform scale



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ing Canada could support 50,000,000 people if she employed farming methods similar to Denmark, an Ontario government official stated recently.

## WAGE SCALE

ulture, following a survey of the harvest g this year a rate of \$5.50 for stooking ten-hour day, plus board. Directors of can only be a recommendation, but they board and lodging are included and if all this basis, harvest wages can be kept on

# Moderation

## WILL SEE US THROUGH

Last year, in one of its several published statements, The House of Seagram said, "Canada's great record of price control was made possible by the wholehearted co-operation of the Canadian people with their Government's anti-inflation methods. This fine record should be maintained... by moderating our pleasures, by controlling unessential spending, we continue to serve our Nation and ourselves best."

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Then this Nation will stand  
secure on the road to its  
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*Men who Think of Tomorrow*

*Practice Moderation Today!*

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